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The sun is no fun without rain: Physical environments affect how we feel about yellow across 55 countries (Article)

Jonauskaitė, D.^a , Abdel-Khalek, A.M.^b, Abu-Akel, A.^a, Al-Rasheed, A.S.^c, Antonietti, J.-P.^a, Åsgerisson, Á.G.^{d,e}, Atitsogbe, K.A.^a, Barma, M.^f, Barratt, D.^g, Bogushevskaya, V.^h, Bouayed Meziane, M.K.ⁱ, Chamseddine, A.^j, Charembom, T.^k, Chkonja, E.^l, Ciobanu, T.^a, Corona, V.^{m,n}, Creed, A.^o, Dael, N.^{a,p}, Daouk, H.^q, Dimitrova, N.^r, Doorenbos, C.B.^s, Fomins, S.^t, Fonseca-Pedrero, E.^u, Gaspar, A.^{v,w,x}, Gizdic, A.^y, Griber, Y.A.^z, Grimshaw, G.M.^{aa}, Hasan, A.A.^b, Havelka, J.^{ab}, Hirnstein, M.^{ac}, Karlsson, B.S.A.^{ad}, Katembu, S.^{an,ao}, Kim, J.^{ae}, Konstantinou, N.^{af}, Laurent, E.^{ag,ah}, Lindeman, M.^{ai}, Manav, B.^{aj}, Marquardt, L.^{ac}, Mefoh, P.^{ak}, Mroczko-Wąsowicz, A.^{al}, Mutandwa, P.^{am}, Ngabolo, G.^{ap}, Oberfeld, D.^{aq}, Papadatou-Pastou, M.^{ar}, Perchtold, C.M.^{as}, Pérez-Albéniz, A.^u, Pouyan, N.^a, Rashid Soron, T.^{at}, Roinishvili, M.^{au}, Romanyuk, L.^{av,aw,ax}, Salgado Montejó, A.^{ay,az,ba}, Sultanova, A.^{bb}, Tau, R.^{bc,bd}, Uusküla, M.^{be}, Vainio, S.^{bf}, Vargas-Soto, V.^{bg}, Volkan, E.^{bh}, Wąsowicz, G.^{bi}, Zdravković, S.^{bj,bk}, Zhang, M.^{bl}, Mohr, C.^a

Hide additional authors

^aInstitute of Psychology, University of Lausanne, Lausanne, Switzerland

^bDepartment of Psychology, Faculty of Arts, Alexandria University, Egypt

^cDepartment of Psychology, University of King Saud, Riyadh, Saudi Arabia

^dDepartment of Psychology, University of Akureyri, Akureyri, Iceland

^eCentre for Cognitive Neuroscience, Aalborg University, Aalborg, Denmark

^fDepartment of Applied Psychology, University of Lomé, Lomé, Togo

^gDepartment of Management, Society and Communication, Copenhagen Business School, Copenhagen, Denmark

^hDepartment of Linguistic Sciences and Foreign Literatures, Catholic University of the Sacred Heart, Brescia, Italy

ⁱPreparatory School, National Polytechnic School, Algiers, Algeria

^jSchool of Computer and Communication Sciences, École polytechnique fédérale de Lausanne (EPFL), Switzerland

^kDepartment of Clinical Epidemiology and Department of Psychiatry, Faculty of Medicine, Thammasat University, Pathumthani, Thailand

^lDepartment of Psychiatry, Tbilisi State Medical University, Tbilisi, Georgia

^mBusiness Management Department, Universidad Panamericana, Zapopan, Mexico

ⁿBusiness Management Department, Universitat Politècnica de València, Valencia, Spain

^oFaculty of Arts, University of Melbourne, Melbourne, Australia

^pDepartment of Organizational Behavior, HEC Lausanne, University of Lausanne, Lausanne, Switzerland

^qMar Elias street, Dar Elbayda building, Bayrut, Lebanon

^rDepartment of Social Work, University of Applied Sciences in Social Work and Health of Lausanne, HES-SO, Switzerland

^sDepartment of Physics, University of Fribourg, Fribourg, Switzerland

^tDepartment of Optometry and Vision Science, University of Latvia, Riga, Latvia

^uDepartment of Educational Sciences, University of La Rioja, Logroño, Spain

^vDepartment of Psychology, School of Human Sciences, Catholic University of Portugal, Lisbon, Portugal

^wCatolica Research Centre for Psychological, Family and Social Wellbeing (CRC-W), Lisboa, Portugal

^xCentro de Investigação e Intervenção Social, CIS-IUL, Lisboa, Portugal

^yDepartment of Clinical and Health Psychology, Universitat Autònoma de Barcelona (UAB), Barcelona, Spain

^zDepartment of Sociology and Philosophy, Smolensk State University, Smolensk, Russian Federation

^{aa}School of Psychology, Victoria University of Wellington, Wellington, New Zealand

^{ab}School of Psychology, University of Leeds, Leeds, United Kingdom

^{ac}Department of Biological and Medical Psychology, University of Bergen, Bergen, Norway

^{ad}Division of Built Environment, Research Institutes of Sweden AB (RI.se), Gothenburg, Sweden

^{ae}Department of Psychology, Duksung Women's University, Seoul, South Korea

^{af}Department of Rehabilitation Sciences, Cyprus University of Technology, Limassol, Cyprus

^{ag}Laboratory of Psychology, Bourgogne Franche-Comté University, Besançon, France

^{ah}Maison des Sciences de l'Homme et de l'Environnement, CNRS & University of Franche-Comté, Besançon, France

^{ai}Department of Psychology and Logopedics, University of Helsinki, Helsinki, Finland

^{aj}Department of Interior Architecture and Environmental Design, Faculty of Art Design and Architecture, Istanbul Ayvansaray University, Istanbul, Turkey

^{ak}Department of Psychology, University of Nigeria, Nsukka, Nigeria

^{al}Institute of Philosophy of Mind and Cognition, National Yang-Ming University, Taipei, Taiwan

^{am}Department of Student Affairs, Midlands State University, Gweru, Zimbabwe

^{an}Department of Psychology, University of Nairobi, Nairobi, Kenya

^{ao}Institut für Psychologie, Humboldt-Universität zu Berlin, Berlin, Germany

^{ap}Département de Psychologie, Université Omar-Bongo, Libreville, Gabon

^{aq}Institute of Psychology, Johannes Gutenberg-Universität Mainz, Germany

^{ar}School of Education, National and Kapodistrian University of Athens, Athens, Greece

^{as}Department of Psychology, University of Graz, Graz, Austria

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^{a3}Faculty of Psychology, Taras Shevchenko National University of Kyiv, Kyiv, Ukraine
^{a4}Department of Psychology, V.I. Vernadsky National University of Taurida, Kyiv, Ukraine
^{a5}Department of Psychology, Kyiv National University of Culture and Arts, Kyiv, Ukraine
^{a6}Escuela Internacional de Ciencias Económicas y Administrativas, Universidad de La Sabana, Chía, Colombia
^{a7}Center for Multisensory Marketing, BI Norwegian Business School, Oslo, Norway
^{b1}Neuroskech, Bogotá, Colombia
^{b2}National Mental Health Centre of the Ministry of Health, Baku, Azerbaijan
^{b3}Faculty of Psychology and Educational Sciences, University of Geneva, Geneva, Switzerland
^{b4}Institute of Psychology and Education, University of Neuchâtel, Neuchâtel, Switzerland
^{b5}School of Humanities, Tallinn University, Tallinn, Estonia
^{b6}Faculty of Social Sciences, University of Helsinki, Helsinki, Finland
^{b7}Facultad de Psychology, Universidad de Lima, Lima, Peru
^{b8}Department of Psychology, Cyprus International University, Nicosia, Cyprus
^{b9}Department of Economic Psychology, Kozminski University, Warsaw, Poland
^{b10}Department of Psychology, Faculty of Philosophy, University of Novi Sad, Serbia
^{b11}Laboratory for Experimental Psychology, University of Belgrade, Serbia
^{b12}Department of Psychology and Behavioral Sciences, Zhejiang University, Hangzhou, China

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Abstract

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Across cultures, people associate colours with emotions. Here, we test the hypothesis that one driver of this cross-modal correspondence is the physical environment we live in. We focus on a prime example – the association of yellow with joy, – which conceivably arises because yellow is reminiscent of life-sustaining sunshine and pleasant weather. If so, this association should be especially strong in countries where sunny weather is a rare occurrence. We analysed yellow-joy associations of 6625 participants from 55 countries to investigate how yellow-joy associations varied geographically, climatologically, and seasonally. We assessed the distance to the equator, sunshine, precipitation, and daytime hours. Consistent with our hypotheses, participants who live further away from the equator and in rainier countries are more likely to associate yellow with joy. We did not find associations with seasonal variations. Our findings support a role for the physical environment in shaping the affective meaning of colour. © 2019

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[Affect](#) [Climate](#) [Colour](#) [Cross-cultural](#) [Emotion](#) [Environment](#)

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