

Converting Colors

XYZ(52.0946, 50.3525, 44.5414)

Have a look what the booklet for
XYZ(52.0946, 50.3525, 44.5414)
contains.

XYZ(52.0980, 50.2588, 44.4912)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.0980, 50.2588,
44.4912)**

Conversions

Conversions Part 1

Format	Color
Hex	D9B4A9
RGB	217, 180, 169
RGB Percent	85%, 71%, 66%
CMY	0.1490, 0.2941, 0.3372
CMYK	0.00, 0.17, 0.22, 0.15
HSL	14°, 39%, 76%
HSV	14°, 22%, 85%
XYZ	52.0980, 50.2588, 44.4912
YIQ	189.8090, 25.5830, 4.4230

Conversions

Conversions Part 2

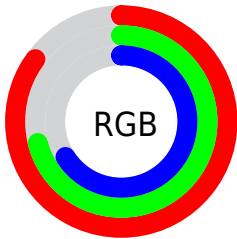
Format	Color
R_{YB}	217, 183, 169
Decimal	14267561
CIE Lab	76.23, 11.66, 10.60
CIE LCh	76, 15.761, 42.274
Yxy	50.2588, 0.3548, 0.3423
Android (android.graphics.Color)	4292457641 (0xFFD9B4A9)
YUV	189.8090, -10.2588, 23.8465
Hunter-Lab	70.8934, 7.1121, 12.4163

Details

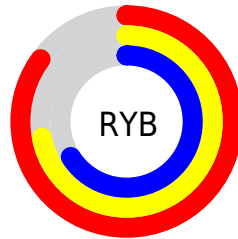
The XYZ color **52.0980, 50.2588, 44.4912** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.9575, 57.5860, 74.0755**, and the grayscale version is **48.8816, 51.4273, 56.0043**.

A 20% lighter version of the original color is **84.6900, 86.6327, 82.7792**, and **25.4982, 24.0402, 20.1259** is the 20% darker color. If you saturate the color by 10%, you get **47.0526, 43.1618, 33.5790**, and if you desaturate by 10%, it is **57.8917, 58.3105, 57.3220**.

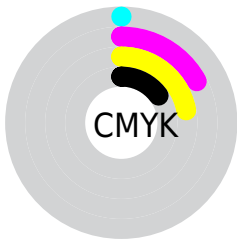
Distribution



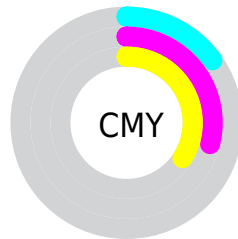
- Red (85%)
- Green (71%)
- Blue (66%)



- Red (85%)
- Yellow (72%)
- Blue (66%)



- Cyan (0%)
- Magenta (17%)
- Yellow (22%)
- Black (15%)





- Cyan (15%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0980, 50.2588, 44.4912 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 52.0980, 50.2588, 44.4912 by changing the saturation by 10% instead.


 52.0980, 50.2588,
44.4912

 52.0980, 50.2588,
44.4912


385.1326,
387.6771, 380.8088

 37.3078, 35.6191,
30.7168

 92.4491, 90.5582,
83.2667

 25.6206, 24.1401,
20.1267


118.7407,
116.9867, 109.1049

 16.6712, 15.4376,
12.3022


149.5969,
148.1135, 139.8015

 10.0942, 9.1271,
6.8248

185.3829,
184.3231, 175.7750

 5.5242, 4.8242,
3.2760

226.4641,
225.9999, 217.4440

 2.5959, 2.1445,
1.2372

273.2058,

 0.9439, 0.6895,

273.5282, 265.2269

0.0095

325.9736,
327.2925, 319.5423

■ 0.0000, 0.0000,
0.0000

■ 52.0980, 50.2588,
44.4912

■ 52.0980, 50.2588,
44.4912

■ 47.0526, 43.1618,
33.5790

■ 57.8917, 58.3105,
57.3220

■ 42.7203, 36.9771,
24.4897

■ 64.4589, 67.3437,
72.1546

■ 39.0691, 31.6692,
17.1240

■ 71.8286, 77.3927,
89.0710

■ 36.0629, 27.1976,
11.3718

■ 79.8976, 88.4362,
107.4666

■ 33.6619, 23.5184,
7.1101

■ 82.4255, 93.4918,
108.3092

■ 31.8217, 20.5837,
4.1981

■ 30.4910, 18.3397,
2.4673

■ 29.7453, 17.0115,
1.7158

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.5390, 50.2588, 51.3364



52.0980, 50.2588, 44.4912



49.5203, 50.2588, 40.6413

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.0980, 50.2588, 44.4912



42.5594, 50.2588, 49.9172



48.9876, 50.2588, 72.2126

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



52.0980, 50.2588, 44.4912



50.9575, 57.5860, 74.0755

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



46.0605, 50.2588, 71.7318



52.0980, 50.2588, 44.4912



42.4301, 50.2588, 58.2559

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.0980, 50.2588, 44.4912



44.0486, 50.2588, 43.5448



43.6876, 50.2588, 66.4149



51.6942, 50.2588, 67.6678

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.0980, 50.2588, 44.4912



47.5444, 50.2588, 40.0215



43.6876, 50.2588, 66.4149



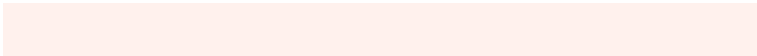
47.9953, 50.2588, 72.6455

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



52.0994, 50.2611, 44.4922



88.0750, 90.4372, 93.0498



54.0174, 47.6138, 65.1193



18.7287, 19.1881, 19.6388



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.0994, 50.2611, 44.4922



71.2239, 67.0216, 55.7206



57.2278, 60.5179, 46.2017



13.2970, 13.5334, 13.6370



18.0726, 10.4308, 1.0608



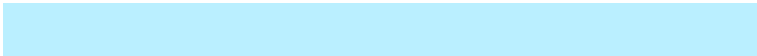
1.2365, 0.8071, 0.0906

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50.9575, 57.5860, 74.0755



69.2660, 79.5375, 106.3093



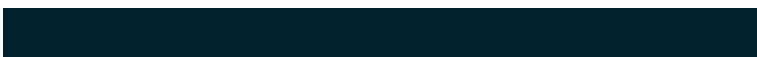
45.7383, 47.1476, 72.3358



13.1786, 14.2969, 16.7171



16.0581, 19.9857, 42.7497



1.1034, 1.4209, 2.7905

Previews

White Background



This preview shows how the XYZ color 52.0980, 50.2588, 44.4912 looks on a white background.

Color Contrast Check

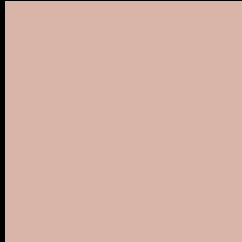
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 52.0980, 50.2588, 44.4912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

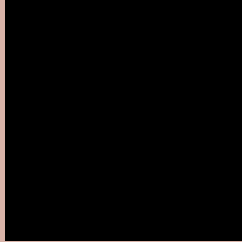
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0980, 50.2588, 44.4912

Background



This preview shows how black text looks on a background with the XYZ color 52.0980, 50.2588, 44.4912.



This preview shows how white text looks on a background with the XYZ color 52.0980, 50.2588,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

52.0980, 50.2588, 44.4912

Protanopia

48.0317, 50.5857, 46.7676

Deuteranopia

51.1259, 50.0585, 44.5037



Tritanopia

54.6413, 50.4215, 56.1426

Trichromacy



Original Color

52.0980, 50.2588, 44.4912

Protanomaly

49.4240, 50.3730, 46.1478

Deuteranomaly

51.4169, 50.2085, 44.5174

Tritanomaly

53.6811, 50.3198, 51.6831

Monochromacy



Original Color

52.0980, 50.2588, 44.4912

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.8218, 50.7746, 51.4305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0980, 50.2588, 44.4912 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(217, 180, 169)` looks like.

```
.text, #text, p{  
    color:rgb(217, 180, 169)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(217, 180, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 180, 169) }
```

Border

The CSS property to change the border of an element to XYZ 52.0980, 50.2588, 44.4912 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 180, 169) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(217, 180, 169) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(217, 180, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 180, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 180, 169);  
box-shadow:4px 4px 4px 4px rgb(217, 180,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0980, 50.2588, 44.4912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 180, 169) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(217,  
180, 169) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor