

Converting Colors

XYZ(50.3353, 51.6804, 33.4487)

Have a look what the booklet for
XYZ(50.3353, 51.6804, 33.4487)
contains.

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Color

**XYZ(50.4598, 51.8200,
33.3293)**

Conversions

Conversions Part 1

Format	Color
Hex	D6BB8F
RGB	214, 187, 143
RGB Percent	84%, 73%, 56%
CMY	0.1608, 0.2666, 0.4392
CMYK	0.00, 0.13, 0.33, 0.16
HSL	37°, 46%, 70%
HSV	37°, 33%, 84%
XYZ	50.4598, 51.8200, 33.3293
YIQ	190.0570, 30.2160, -7.9600

Conversions

Conversions Part 2

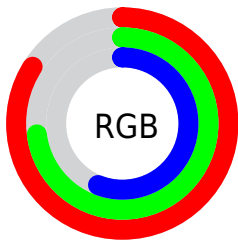
Format	Color
R_{YB}	187, 214, 143
Decimal	14072719
CIE Lab	77.17, 3.25, 25.85
CIE LCh	77, 26.059, 82.830
Yxy	51.8200, 0.3721, 0.3821
Android (android.graphics.Color)	4292262799 (0xFFD6BB8F)
YUV	190.0570, -23.1991, 20.9980
Hunter-Lab	71.9861, -0.8533, 22.9392

Details

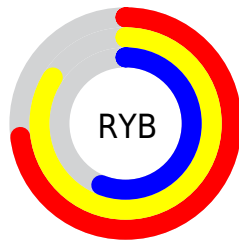
The XYZ color **50.4598, 51.8200, 33.3293** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.8396, 39.4428, 69.2372**, and the grayscale version is **49.0948, 51.6515, 56.2485**.

A 20% lighter version of the original color is **83.3686, 89.3924, 65.6838**, and **24.5574, 25.0920, 13.6741** is the 20% darker color. If you saturate the color by 10%, you get **47.3136, 47.8792, 25.0311**, and if you desaturate by 10%, it is **54.0157, 56.0850, 43.2910**.

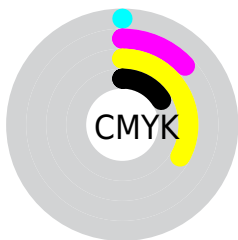
Distribution



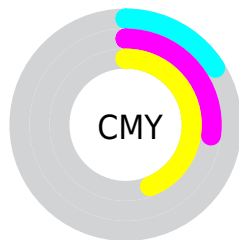
- Red (84%)
- Green (73%)
- Blue (56%)



- Red (73%)
- Yellow (84%)
- Blue (56%)



- Cyan (0%)
- Magenta (13%)
- Yellow (33%)
- Black (16%)





- Cyan (16%)
- Magenta (27%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4598, 51.8200, 33.3293 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 50.4598, 51.8200, 33.3293 by changing the saturation by 10% instead.


 50.4598, 51.8200,
33.3293


 50.4598, 51.8200,
33.3293


378.8837,
393.7413, 331.8084

 35.9982, 36.8616,
22.1057


 90.0435, 92.8657,
66.0112

 24.6029, 25.1004,
13.7355


 115.8963,
119.7219, 88.3066

 15.9086, 16.1518,
7.8003


146.2769,
151.3127, 115.1296

 9.5499, 9.6317,
3.8815

181.5506,
188.0226, 146.8988

 5.1615, 5.1554,
1.5606

222.0827,
230.2361, 184.0328

 2.3781, 2.3387,
0.2624

268.2387,

 0.8342, 0.7941,

278.3374, 226.9500

0.0000

320.3839,
332.7110, 276.0690

■ 0.0000, 0.0000,
0.0000

■ 50.4598, 51.8200,
33.3293

■ 50.4598, 51.8200,
33.3293

■ 47.3136, 47.8792,
25.0311

■ 54.0157, 56.0850,
43.2910

■ 44.5540, 44.2450,
18.2997

■ 57.9952, 60.6765,
54.9989

■ 42.1612, 40.9089,
13.0334


■ 62.4163, 65.6061,
68.5343


■ 40.1117, 37.8588,
9.1170


■ 67.2945, 70.8825,
83.9723


■ 38.3788, 35.0810,
6.4177

■ 72.6448, 76.5138,
101.3836


 36.9302, 32.5600,
4.7755

 75.7266, 81.4062,
106.3295

 36.0692, 30.9714,
4.0770

 78.1206, 86.1942,
107.1275

 80.6227, 91.1984,
107.9615

 81.5416, 93.0361,
108.2678

Harmonies

Analogous

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



55.2761, 51.8200, 37.2497



50.4598, 51.8200, 33.3293



45.6263, 51.8200, 34.7111

Triad

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



50.4598, 51.8200, 33.3293



40.9348, 51.8200, 67.7613



57.2950, 51.8200, 74.6921

Complementary

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



50.4598, 51.8200, 33.3293



37.8396, 39.4428, 69.2372

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.



53.0677, 51.8200, 85.7025



50.4598, 51.8200, 33.3293



43.6848, 51.8200, 81.2530

Square

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



50.4598, 51.8200, 33.3293



40.3400, 51.8200, 53.0648



48.0663, 51.8200, 88.2865



59.3915, 51.8200, 59.9204

Rectangle

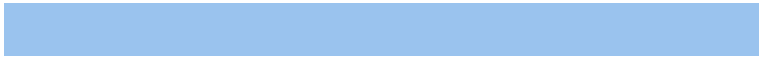
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.4598, 51.8200, 33.3293



43.0188, 51.8200, 38.5866



48.0663, 51.8200, 88.2865



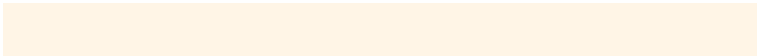
56.0629, 51.8200, 79.0510

Sweetspot

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



50.4611, 51.8224, 33.3304



88.1974, 92.4344, 87.6884



44.8306, 36.8521, 42.8886



18.6835, 19.5661, 18.1796



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.



50.4611, 51.8224, 33.3304



71.6016, 72.7836, 40.4118



54.3797, 63.1577, 35.3118



13.0578, 13.6898, 13.1149



21.9047, 18.9267, 2.4987



1.3999, 1.2990, 0.1770

Inverse Universe

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



37.8396, 39.4428, 69.2372



49.9886, 51.5957, 101.9320



34.7757, 31.1070, 67.7897



12.1257, 12.7749, 15.7642



9.2243, 6.7105, 39.2622



0.6350, 0.5620, 2.3943

Previews

White Background



This preview shows how the XYZ color 50.4598, 51.8200, 33.3293 looks on a white background.

Color Contrast Check

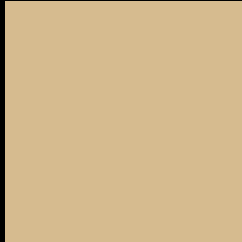
Large Text (above 18pt) WCAG AA × Fail

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 50.4598, 51.8200, 33.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

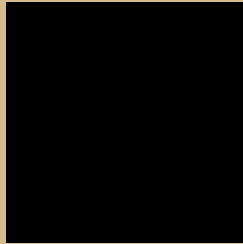
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4598, 51.8200, 33.3293

Background



This preview shows how black text looks on a background with the XYZ color 50.4598, 51.8200, 33.3293.



This preview shows how white text looks on a background with the XYZ color 50.4598, 51.8200,

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

50.4598, 51.8200, 33.3293

Protanopia

48.4261, 51.7086, 34.2165

Deuteranopia

53.0189, 51.8881, 33.6066



Tritanopia

55.5741, 51.7532, 58.0992

Trichromacy



Original Color

50.4598, 51.8200, 33.3293

Protanomaly

49.2441, 51.8187, 33.7921

Deuteranomaly

51.9933, 51.6667, 33.6179

Tritanomaly

53.5848, 51.8675, 47.7447

Monochromacy



Original Color

50.4598, 51.8200, 33.3293

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.2936, 51.5544, 46.8881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4598, 51.8200, 33.3293 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(214, 187, 143)` looks like.

```
.text, #text, p{  
    color:rgb(214, 187, 143)  
}
```

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(214, 187, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 187, 143) }
```

Border

The CSS property to change the border of an element to XYZ 50.4598, 51.8200, 33.3293 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(214, 187, 143) }
```


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

```
.border{ border-color:rgb(214, 187, 143) }
```

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

Here you see how a box with a 4 pixel rgb(214, 187, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 187, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 187, 143);  
box-shadow:4px 4px 4px 4px rgb(214, 187,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4598, 51.8200, 33.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 187, 143) }
```

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

```
.background{ background-color: rgb(214,  
187, 143) }
```

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](#).

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