

Converting Colors

XYZ(53.6465, 50.9150, 52.0619)

Have a look what the booklet for
XYZ(53.6465, 50.9150, 52.0619)
contains.

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Color

**XYZ(53.4838, 50.8131,
51.7888)**

Conversions

Conversions Part 1

Format	Color
Hex	D9B4B7
RGB	217, 180, 183
RGB Percent	85%, 71%, 72%
CMY	0.1490, 0.2941, 0.2823
CMYK	0.00, 0.17, 0.16, 0.15
HSL	355°, 33%, 78%
HSV	355°, 17%, 85%
XYZ	53.4838, 50.8131, 51.7888
YIQ	191.4050, 21.0890, 8.7770

Conversions

Conversions Part 2

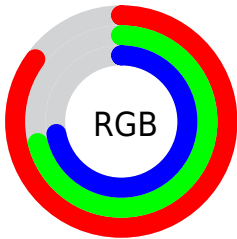
Format	Color
R_{YB}	217, 180, 183
Decimal	14267575
CIE _{Lab}	76.57, 13.80, 3.48
CIE _{LCh}	77, 14.233, 14.140
Yxy	50.8131, 0.3427, 0.3255
Android (android.graphics.Color)	4292457655 (0xFFD9B4B7)
YUV	191.4050, -4.1437, 22.4468
Hunter-Lab	71.2833, 9.1826, 6.8229

Details

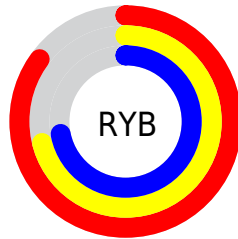
The XYZ color **53.4838, 50.8131, 51.7888** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.7749, 64.1854, 73.0708**, and the grayscale version is **49.7723, 52.3643, 57.0247**.

A 20% lighter version of the original color is **86.8154, 87.4829, 93.9716**, and **26.5189, 24.4718, 24.4449** is the 20% darker color. If you saturate the color by 10%, you get **47.5106, 41.9562, 40.2722**, and if you desaturate by 10%, it is **60.4398, 61.1638, 65.0852**.

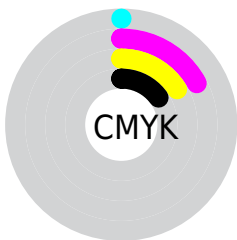
Distribution



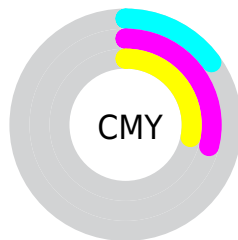
- Red (85%)
- Green (71%)
- Blue (72%)



- Red (85%)
- Yellow (71%)
- Blue (72%)



- Cyan (0%)
- Magenta (17%)
- Yellow (16%)
- Black (15%)





- Cyan (15%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4838, 50.8131, 51.7888 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 53.4838, 50.8131, 51.7888 by changing the saturation by 10% instead.


 53.4838, 50.8131,
51.7888

 53.4838, 50.8131,
51.7888


390.3691,
389.8372, 410.5544

 38.4182, 36.0599,
36.4557


 94.4772, 91.3784,
94.2431

 26.4861, 24.4805,
24.4939


121.1357,
117.9594, 122.2014

 17.3222, 15.6904,
15.4848


152.3892,
149.2516, 155.2051

 10.5612, 9.3053,
9.0099

188.6031,
185.6397, 193.6728

 5.8377, 4.9409,
4.6508

230.1426,
227.5078, 238.0230

 2.7864, 2.2126,
1.9887

277.3732,

 1.0418, 0.7269,

275.2406, 288.6744

0.5483

330.6603,
329.2222, 346.0453

■ 0.0000, 0.0000,
0.0000

■ 53.4838, 50.8131,
51.7888

■ 53.4838, 50.8131,
51.7888

■ 47.5106, 41.9562,
40.2722

■ 60.4398, 61.1638,
65.0852

■ 42.4719, 34.5177,
30.4568

■ 68.4156, 73.0656,
80.2291

■ 38.3214, 28.4260,
22.2629

■ 77.4517, 86.5812,
97.2886

■ 35.0077, 23.6005,
15.6030

■ 82.4255, 93.4918,
108.3092

■ 32.4735, 19.9518,
10.3816

■ 30.6547, 17.3791,
6.4923

■ 29.4767, 15.7647,
3.8138

■ 28.8444, 14.9546,
2.2013

■ 28.7213, 14.7941,
1.8960

Harmonies

Analogous

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



53.4408, 50.8131, 59.4716



53.4838, 50.8131, 51.7888



52.1014, 50.8131, 45.6450

Triad

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



53.4838, 50.8131, 51.7888



44.7854, 50.8131, 45.3692



46.8975, 50.8131, 70.8226

Complementary

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



53.4838, 50.8131, 51.7888



55.7749, 64.1854, 73.0708

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.



44.6812, 50.8131, 66.2892



53.4838, 50.8131, 51.7888



43.4930, 50.8131, 51.3793

Square

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



53.4838, 50.8131, 51.7888



47.0446, 50.8131, 42.1782



43.4556, 50.8131, 59.0224



49.5701, 50.8131, 70.9582

Rectangle

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



53.4838, 50.8131, 51.7888



50.5860, 50.8131, 43.0468



43.4556, 50.8131, 59.0224



46.0768, 50.8131, 69.7449

Sweetspot

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



53.4852, 50.8154, 51.7899



89.2870, 91.4013, 97.9542



56.5544, 51.9382, 72.6906



18.9442, 19.3149, 20.6488



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.



53.4852, 50.8154, 51.7899



74.2341, 69.0062, 69.1657



56.4636, 57.2661, 51.2603



13.0986, 13.0686, 13.7806



17.4017, 8.9617, 1.2296



1.1426, 0.5867, 0.1598

Inverse Universe

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



53.4852, 50.8154, 51.7899



74.2341, 69.0062, 69.1657



52.3716, 56.7607, 73.8419



13.0986, 13.0686, 13.7806



17.4017, 8.9617, 1.2296



1.1426, 0.5867, 0.1598

Previews

White Background



This preview shows how the XYZ color 53.4838, 50.8131, 51.7888 looks on a white background.

Color Contrast Check

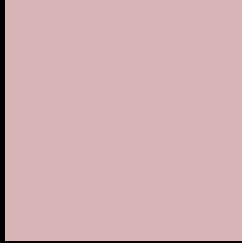
Large Text (above 18pt) WCAG AA × Fail

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 53.4838, 50.8131, 51.7888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

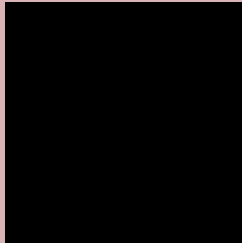
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4838, 50.8131, 51.7888

Background



This preview shows how black text looks on a background with the XYZ color 53.4838, 50.8131, 51.7888.



This preview shows how white text looks on a background with the XYZ color 53.4838, 50.8131,

51.7888.

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

53.4838, 50.8131, 51.7888

Protanopia

49.0526, 50.9347, 54.8230

Deuteranopia

51.9553, 50.9460, 51.3512



Tritanopia

54.5480, 50.9514, 56.8288

Trichromacy



Original Color

53.4838, 50.8131, 51.7888

Protanomaly

50.5690, 50.7997, 53.5944

Deuteranomaly

52.6120, 50.9794, 51.3230

Tritanomaly

54.2188, 50.8197, 55.0957

Monochromacy



Original Color

53.4838, 50.8131, 51.7888

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.6668, 51.4508, 54.8375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4838, 50.8131, 51.7888 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(217, 180, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 180, 183) }
```

Border

The CSS property to change the border of an element to XYZ 53.4838, 50.8131, 51.7888 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, 183) }
```


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

```
.border{ border-color:rgb(217, 180, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 180, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 180, 183);  
box-shadow:4px 4px 4px 4px rgb(217, 180,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4838, 50.8131, 51.7888 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, 183) }
```

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

```
.background{ background-color: rgb(217,  
180, 183) }
```

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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