

Converting Colors

XYZ(52.3989, 49.9552, 51.6804)

Have a look what the booklet for
XYZ(52.3989, 49.9552, 51.6804)
contains.

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Color

**XYZ(52.3989, 49.9552,
51.6804)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B3B7
RGB	214, 179, 183
RGB Percent	84%, 70%, 72%
CMY	0.1608, 0.2980, 0.2823
CMYK	0.00, 0.16, 0.14, 0.16
HSL	353°, 30%, 77%
HSV	353°, 16%, 84%
XYZ	52.3989, 49.9552, 51.6804
YIQ	189.9210, 19.5760, 8.6640

Conversions

Conversions Part 2

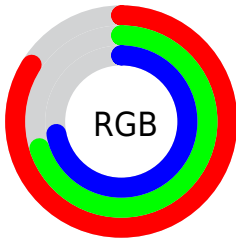
Format	Color
R _Y B	214, 179, 183
Decimal	14070711
CIE Lab	76.04, 13.25, 2.68
CIE LCh	76, 13.519, 11.446
Yxy	49.9552, 0.3402, 0.3243
Android (android.graphics.Color)	4292260791 (0xFFD6B3B7)
YUV	189.9210, -3.4121, 21.1173
Hunter-Lab	70.6790, 8.6453, 6.1225

Details

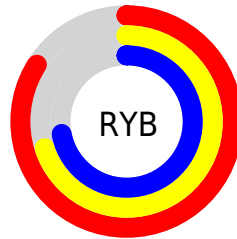
The XYZ color **52.3989, 49.9552, 51.6804** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.2718, 62.3312, 70.1464**, and the grayscale version is **48.9103, 51.4575, 56.0372**.

A 20% lighter version of the original color is **86.5283, 86.9087, 93.8759**, and **25.7882, 23.9043, 24.3739** is the 20% darker color. If you saturate the color by 10%, you get **46.5963, 41.2974, 40.6586**, and if you desaturate by 10%, it is **59.1357, 60.0550, 64.3258**.

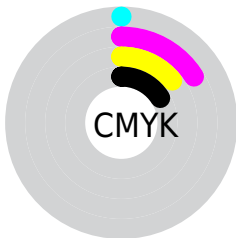
Distribution



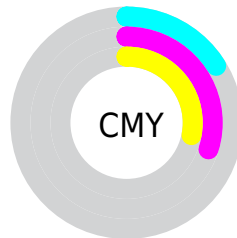
- Red (84%)
- Green (70%)
- Blue (72%)



- Red (84%)
- Yellow (70%)
- Blue (72%)



- Cyan (0%)
- Magenta (16%)
- Yellow (14%)
- Black (16%)





- Cyan (16%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3989, 49.9552, 51.6804 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 52.3989, 49.9552, 51.6804 by changing the saturation by 10% instead.


 52.3989, 49.9552,
51.6804

 52.3989, 49.9552,
51.6804


386.2734,
386.4907, 410.1233

 37.5487, 35.3778,
36.3699


 92.8900, 90.1085,
94.0815

 25.8082, 23.9540,
24.4281


119.2616,
116.4532, 122.0092

 16.8121, 15.2995,
15.4363


150.2044,
147.4891, 154.9797

 10.1951, 9.0299,
8.9762

186.0837,
183.6006, 193.4116

 5.5918, 4.7607,
4.6290

227.2649,
225.1721, 237.7233

 2.6368, 2.1075,
1.9764

274.1134,

 0.9647, 0.6689,

272.5881, 288.3335

0.5407

326.9944,
326.2328, 345.6606

■ 0.0000, 0.0000,
0.0000

■ 52.3989, 49.9552,
51.6804

■ 52.3989, 49.9552,
51.6804

■ 46.5963, 41.2974,
40.6586

■ 59.1357, 60.0550,
64.3258

■ 41.6825, 34.0094,
31.1915

■ 66.8410, 71.6513,
78.6537

■ 37.6147, 28.0230,
23.2100

■ 75.5528, 84.8040,
94.7238

■ 34.3449, 23.2615,
16.6383

■ 81.5418, 93.0363,
108.2678

■ 31.8200, 19.6398,
11.3941

■ 29.9808, 17.0625,
7.3864

■ 28.7586, 15.4180,
4.5127

■ 28.0685, 14.5665,
2.6529

■ 27.9013, 14.3640,
2.1902

Harmonies

Analogous

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



52.2328, 49.9552, 58.9369



52.3989, 49.9552, 51.6804



51.2130, 49.9552, 45.7004

Triad

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



52.3989, 49.9552, 51.6804



44.3400, 49.9552, 44.6240



45.9531, 49.9552, 68.6643

Complementary

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



52.3989, 49.9552, 51.6804



54.2718, 62.3312, 70.1464

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.



43.9347, 49.9552, 64.1227



52.3989, 49.9552, 51.6804



43.0264, 49.9552, 50.0883

Square

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



52.3989, 49.9552, 51.6804



46.5242, 49.9552, 41.8740



42.8807, 49.9552, 57.1983



48.4507, 49.9552, 69.1866

Rectangle

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



52.3989, 49.9552, 51.6804



49.8390, 49.9552, 43.0733



42.8807, 49.9552, 57.1983



45.1984, 49.9552, 67.5395

Sweetspot

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



52.4003, 49.9574, 51.6815



89.3511, 91.4270, 98.2919



54.8138, 50.7869, 70.5327



18.9598, 19.3211, 20.7305



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.



52.4003, 49.9574, 51.6815



74.4438, 69.0901, 70.2699



54.8110, 55.4352, 50.4617



12.4804, 12.4436, 13.2038



16.8839, 8.6899, 1.4266



1.0381, 0.5320, 0.1901

Inverse Universe

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



52.4003, 49.9574, 51.6815



74.4438, 69.0901, 70.2699



51.5195, 56.0198, 71.7164



12.4804, 12.4436, 13.2038



16.8839, 8.6899, 1.4266



1.0381, 0.5320, 0.1901

Previews

White Background



This preview shows how the XYZ color 52.3989, 49.9552, 51.6804 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 52.3989, 49.9552, 51.6804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

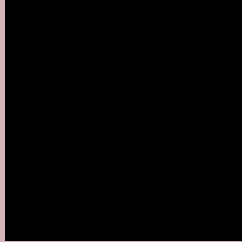
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3989, 49.9552, 51.6804

Background



This preview shows how black text looks on a background with the XYZ color 52.3989, 49.9552, 51.6804.



This preview shows how white text looks on a background with the XYZ color 52.3989, 49.9552,

51.6804.

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

52.3989, 49.9552, 51.6804

Protanopia

48.2258, 50.2049, 54.1624

Deuteranopia

51.0835, 49.8765, 51.7345



Tritanopia

53.4592, 50.0936, 56.7206

Trichromacy



Original Color

52.3989, 49.9552, 51.6804

Protanomaly

49.5566, 49.9683, 53.4873

Deuteranomaly

51.4468, 49.7631, 51.6934

Tritanomaly

53.1300, 49.9620, 54.9875

Monochromacy



Original Color

52.3989, 49.9552, 51.6804

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.0817, 50.8478, 54.1887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3989, 49.9552, 51.6804 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, 179, 183)` looks like.

```
.text, #text, p{  
    color:rgb(214, 179, 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(214, 179, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 179, 183) }
```

Border

The CSS property to change the border of an element to XYZ 52.3989, 49.9552, 51.6804 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, 179, 183) }
```


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

```
.border{ border-color:rgb(214, 179, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 179, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 179, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 179, 183);  
box-shadow:4px 4px 4px 4px rgb(214, 179,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3989, 49.9552, 51.6804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 179, 183) }
```

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

```
.background{ background-color: rgb(214,  
179, 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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