

Converting Colors

XYZ(51.6921, 52.5563, 51.0302)

Have a look what the booklet for
XYZ(51.6921, 52.5563, 51.0302)
contains.

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Color

**XYZ(51.7149, 52.7105,
51.1645)**

Conversions

Conversions Part 1

Format	Color
Hex	CDBDB5
RGB	205, 189, 181
RGB Percent	80%, 74%, 71%
CMY	0.1961, 0.2588, 0.2902
CMYK	0.00, 0.08, 0.12, 0.20
HSL	20°, 19%, 76%
HSV	20°, 12%, 80%
XYZ	51.7149, 52.7105, 51.1645
YIQ	192.8720, 12.1040, 0.9040

Conversions

Conversions Part 2

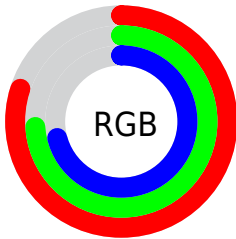
Format	Color
R _Y B	205, 193, 181
Decimal	13483445
CIE Lab	77.70, 4.29, 6.07
CIE LCh	78, 7.435, 54.717
Yxy	52.7105, 0.3324, 0.3388
Android (android.graphics.Color)	4291673525 (0xFFCDBDB5)
YUV	192.8720, -5.8529, 10.6363
Hunter-Lab	72.6020, 0.0933, 9.0382

Details

The XYZ color **51.7149, 52.7105, 51.1645** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.0415, 54.1630, 65.5752**, and the grayscale version is **50.6429, 53.2802, 58.0222**.

A 20% lighter version of the original color is **89.1785, 92.6792, 93.3094**, and **25.4629, 25.7461, 24.0495** is the 20% darker color. If you saturate the color by 10%, you get **46.9627, 46.3279, 39.9551**, and if you desaturate by 10%, it is **57.0565, 59.7754, 64.0987**.

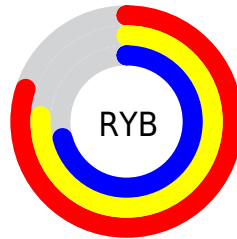
Distribution



Red (80%)

Green (74%)

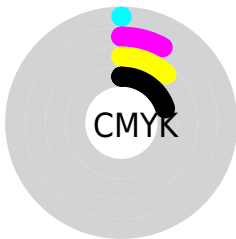
Blue (71%)



Red (80%)

Yellow (76%)

Blue (71%)

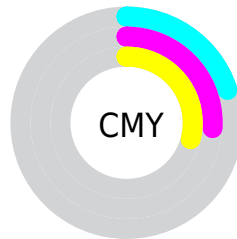


Cyan (0%)

Magenta (8%)

Yellow (12%)

Black (20%)



Cyan (20%)

Magenta (26%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7149, 52.7105, 51.1645 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 51.7149, 52.7105, 51.1645 by changing the saturation by 10% instead.


 51.7149, 52.7105,
51.1645

 51.7149, 52.7105,
51.1645


383.6770,
397.1734, 408.0674

 37.0012, 37.5717,
35.9619


 91.8874, 94.1782,
93.3119

 25.3821, 25.6505,
24.1153


118.0769,
121.2760, 121.0937

 16.4922, 16.5623,
15.2062


148.8223,
153.1288, 153.9058

 9.9662, 9.9229,
8.8160

184.4892,
190.1212, 192.1665

 5.4386, 5.3479,
4.5262

225.4427,
232.6374, 236.2945

 2.5442, 2.4528,
1.9182

272.0483,

 0.9176, 0.8529,

281.0619, 286.7083

0.5043

324.6713,
335.7791, 343.8264

■ 0.0000, 0.0000,
0.0000

■ 51.7149, 52.7105,
51.1645

■ 51.7149, 52.7105,
51.1645

■ 46.9627, 46.3279,
39.9551

■ 57.0565, 59.7754,
64.0987

■ 42.7745, 40.6001,
30.3935

■ 63.0031, 67.5352,
78.8233

■ 39.1292, 35.5076,
22.4023

■ 69.5751, 76.0113,
95.4046

■ 36.0029, 31.0275,
15.8960

■ 75.4752, 84.6955,
106.9776

■ 33.3697, 27.1355,
10.7811

■ 78.9871, 91.7193,
108.1483

■ 31.2010, 23.8052,
6.9535

■ 29.4650, 21.0082,
4.2938

■ 28.1248, 18.7128,
2.6599

■ 27.2664, 17.1579,
1.8747

Harmonies

Analogous

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



52.6553, 52.7105, 54.1429



51.7149, 52.7105, 51.1645



50.3549, 52.7105, 49.8588

Triad

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



51.7149, 52.7105, 51.1645



47.3950, 52.7105, 56.6663



51.2656, 52.7105, 64.8956

Complementary

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



51.7149, 52.7105, 51.1645



50.0415, 54.1630, 65.5752

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.



49.8454, 52.7105, 65.6499



51.7149, 52.7105, 51.1645



47.6283, 52.7105, 60.7702

Square

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



51.7149, 52.7105, 51.1645



47.8750, 52.7105, 52.9365



48.5186, 52.7105, 64.1070



52.3924, 52.7105, 62.0923

Rectangle

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



51.7149, 52.7105, 51.1645



49.4001, 52.7105, 50.0651



48.5186, 52.7105, 64.1070



50.8059, 52.7105, 65.4027

Sweetspot

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



51.7164, 52.7128, 51.1656



91.3203, 95.0992, 99.7691



51.7794, 50.0588, 59.7572



19.4001, 20.1623, 20.9986



0.0000, 0.0000, 0.0000



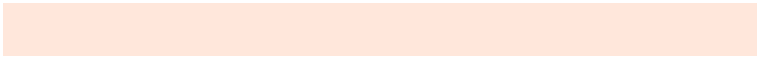
20.3446, 21.4041, 23.3091

Same Dimension

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



51.7164, 52.7128, 51.1656



82.6992, 83.6573, 79.0138



54.4045, 58.0892, 52.0617



11.5129, 11.8148, 11.7531



17.0529, 10.8387, 1.1933



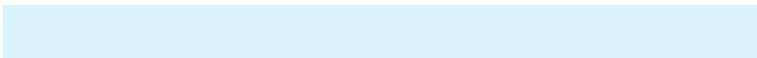
0.9494, 0.6985, 0.0848

Inverse Universe

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



50.0415, 54.1630, 65.5752



79.4326, 86.4843, 107.1143



47.4251, 48.9302, 64.7030



11.2158, 12.0721, 14.3094



12.4872, 13.9984, 38.0001



0.7122, 0.8581, 1.9830

Previews

White Background



This preview shows how the XYZ color 51.7149, 52.7105, 51.1645 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 51.7149, 52.7105, 51.1645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

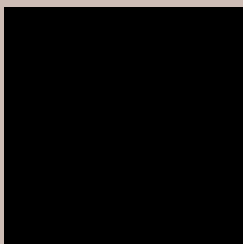
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

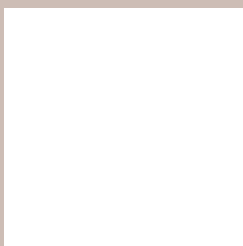
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.7149, 52.7105, 51.1645

Background



This preview shows how black text looks on a background with the XYZ color 51.7149, 52.7105, 51.1645.



This preview shows how white text looks on a background with the XYZ color 51.7149, 52.7105,

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

51.7149, 52.7105, 51.1645

Protanopia

50.3630, 52.6448, 51.7630

Deuteranopia

53.7340, 52.7914, 51.6136



Tritanopia

54.1139, 52.7448, 62.5870

Trichromacy



Original Color

51.7149, 52.7105, 51.1645

Protanomaly

50.9443, 52.6218, 51.7279

Deuteranomaly

53.0778, 52.7669, 51.6435

Tritanomaly

53.2401, 52.7011, 58.4052

Monochromacy



Original Color

51.7149, 52.7105, 51.1645

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.0609, 53.2437, 55.7300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7149, 52.7105, 51.1645 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(205, 189, 181) looks like.

```
.text, #text, p{  
    color:rgb(205, 189, 181)  
}
```

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(205, 189, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 189, 181) }
```

Border

The CSS property to change the border of an element to XYZ 51.7149, 52.7105, 51.1645 is called "border". The border property can be set on classes, ids or directly on the HTML element.

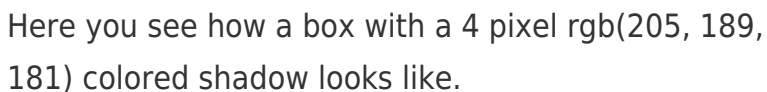
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 189, 181) }
```


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

```
.border{ border-color:rgb(205, 189, 181) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 189, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 189, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 189, 181); box-shadow:4px 4px 4px 4px rgb(205, 189, 181) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7149, 52.7105, 51.1645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 189, 181) }
```

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

```
.background{ background-color: rgb(205,  
189, 181) }
```

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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