

Converting Colors

XYZ(52.6314, 52.1705, 57.7972)

Have a look what the booklet for
XYZ(52.6314, 52.1705, 57.7972)
contains.

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Color

**XYZ(52.6381, 52.0899,
57.7321)**

Conversions

Conversions Part 1

Format	Color
Hex	CEBAC1
RGB	206, 186, 193
RGB Percent	81%, 73%, 76%
CMY	0.1922, 0.2706, 0.2431
CMYK	0.00, 0.10, 0.06, 0.19
HSL	339°, 17%, 77%
HSV	339°, 10%, 81%
XYZ	52.6381, 52.0899, 57.7321
YIQ	192.7780, 9.6730, 6.4170

Conversions

Conversions Part 2

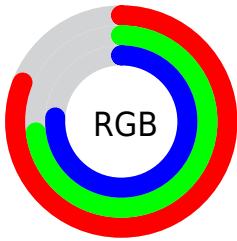
Format	Color
R _Y B	206, 186, 193
Decimal	13548225
CIE Lab	77.33, 8.30, -0.95
CIE LCh	77, 8.355, 353.441
Yxy	52.0899, 0.3240, 0.3206
Android (android.graphics.Color)	4291738305 (0xFFCEBAC1)
YUV	192.7780, 0.1094, 11.5957
Hunter-Lab	72.1733, 3.8819, 3.0947

Details

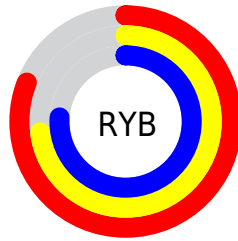
The XYZ color **52.6381, 52.0899, 57.7321** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6318, 58.7065, 62.5931**, and the grayscale version is **50.5549, 53.1876, 57.9213**.

A 20% lighter version of the original color is **90.0910, 91.6038, 102.5555**, and **26.0700, 25.3439, 28.3288** is the 20% darker color. If you saturate the color by 10%, you get **47.1805, 43.4579, 48.8729**, and if you desaturate by 10%, it is **58.8596, 62.0319, 67.5147**.

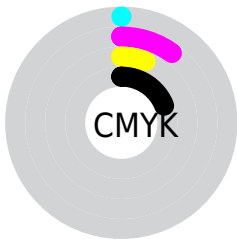
Distribution



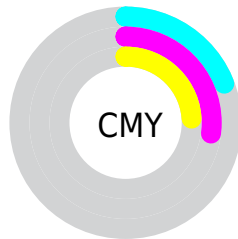
- Red (81%)
- Green (73%)
- Blue (76%)



- Red (81%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (19%)





- Cyan (19%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6381, 52.0899, 57.7321 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 52.6381, 52.0899, 57.7321 by changing the saturation by 10% instead.


 52.6381, 52.0899,
57.7321

 52.6381, 52.0899,
57.7321


387.1787,
394.7836, 433.7573

 37.7403, 37.0767,
41.1800

 93.2403, 93.2638,
103.0436

 25.9575, 25.2669,
28.1390


119.6754,
120.1933, 132.6400

 16.9243, 16.2760,
18.1905


150.6869,
151.8638, 167.4217

 10.2755, 9.7197,
10.9160

186.6402,
188.6596, 207.8071

 5.6457, 5.2135,
5.8969

227.9007,
230.9650, 254.2149

 2.6695, 2.3731,
2.7147

274.8337,

 0.9815, 0.8120,

279.1646, 307.0635

0.9508

327.8046,
333.6426, 366.7714

■ 0.0000, 0.0000,
0.0000

■ 52.6381, 52.0899,
57.7321

■ 52.6381, 52.0899,
57.7321

■ 47.1805, 43.4579,
48.8729

■ 58.8596, 62.0319,
67.5147

■ 42.4522, 36.0743,
40.9061

■ 65.8690, 73.3284,
78.2438

■ 38.4224, 29.8827,
33.8037

■ 73.6949, 86.0305,
89.9460

■ 35.0563, 24.8199,
27.5348

■ 77.9362, 91.3309,
101.1699

■ 32.3159, 20.8165,
22.0667

■ 79.2638, 91.8619,
108.1612

■ 30.1593, 17.7957,
17.3641

■ 28.5392, 15.6697,
13.3886

■ 27.3999, 14.3355,
10.0979

■ 26.6455, 13.6091,
7.4340

Harmonies

Analogous

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



52.0293, 52.0899, 62.1437



52.6381, 52.0899, 57.7321



52.3943, 52.0899, 53.2747

Triad

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



52.6381, 52.0899, 57.7321



48.2929, 52.0899, 48.9917



47.6951, 52.0899, 64.1134

Complementary

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



52.6381, 52.0899, 57.7321



52.6318, 58.7065, 62.5931

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.



46.7333, 52.0899, 60.3046



52.6381, 52.0899, 57.7321



47.0732, 52.0899, 51.6159

Square

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



52.6381, 52.0899, 57.7321



49.8631, 52.0899, 48.3853



46.5081, 52.0899, 55.7140



49.1584, 52.0899, 65.9542

Rectangle

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



52.6381, 52.0899, 57.7321



51.7836, 52.0899, 50.8567



46.5081, 52.0899, 55.7140



47.3037, 52.0899, 63.0112

Sweetspot

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



52.6396, 52.0922, 57.7332



91.8674, 94.8996, 103.9399



52.2544, 51.7186, 65.6216



19.4856, 20.0279, 21.9688



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.



52.6396, 52.0922, 57.7332



83.0141, 80.7909, 89.8968



52.5158, 53.0644, 53.9318



11.3717, 11.2774, 12.4920



16.4371, 8.3854, 4.7543



0.8837, 0.4469, 0.4335

Inverse Universe

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



52.6396, 52.0922, 57.7332



83.0141, 80.7909, 89.8968



52.7479, 57.6086, 66.7325



11.3717, 11.2774, 12.4920



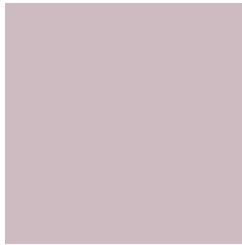
16.4371, 8.3854, 4.7543



0.8837, 0.4469, 0.4335

Previews

White Background



This preview shows how the XYZ color 52.6381, 52.0899, 57.7321 looks on a white background.

Color Contrast Check

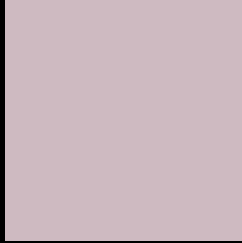
Large Text (above 18pt) WCAG AA × Fail

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 52.6381, 52.0899, 57.7321 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 52.6381, 52.0899, 57.7321

Background



This preview shows how black text looks on a background with the XYZ color 52.6381, 52.0899, 57.7321.



This preview shows how white text looks on a background with the XYZ color 52.6381, 52.0899,

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

52.6381, 52.0899, 57.7321

Protanopia

50.2561, 52.1045, 59.0382

Deuteranopia

52.9870, 51.9581, 57.6883



Tritanopia

53.3899, 52.0868, 61.2726

Trichromacy



Original Color

52.6381, 52.0899, 57.7321

Protanomaly

51.2239, 52.2960, 58.4333

Deuteranomaly

52.7067, 51.8136, 57.6752

Tritanomaly

53.1591, 51.9945, 60.0575

Monochromacy



Original Color

52.6381, 52.0899, 57.7321

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.3278, 52.6829, 57.9156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6381, 52.0899, 57.7321 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(206, 186, 193) looks like.

```
.text, #text, p{  
    color:rgb(206, 186, 193)  
}
```

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(206, 186, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 186, 193) }
```

Border

The CSS property to change the border of an element to XYZ 52.6381, 52.0899, 57.7321 is called "border". The border property can be set on classes, ids or directly on the HTML element.

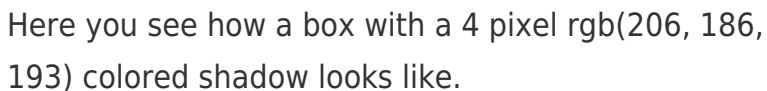
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 186, 193) }
```


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

```
.border{ border-color:rgb(206, 186, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 186, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 186, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 186, 193);  
box-shadow:4px 4px 4px 4px rgb(206, 186,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6381, 52.0899, 57.7321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 186, 193) }
```

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

```
.background{ background-color: rgb(206,  
186, 193) }
```

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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