

Converting Colors

XYZ(51.7186, 52.0524, 51.8075)

Have a look what the booklet for
XYZ(51.7186, 52.0524, 51.8075)
contains.

XYZ(51.6674, 52.0399, 51.5775)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.6674, 52.0399,
51.5775)**

Conversions

Conversions Part 1

Format	Color
Hex	CEBBB6
RGB	206, 187, 182
RGB Percent	81%, 73%, 71%
CMY	0.1922, 0.2666, 0.2863
CMYK	0.00, 0.09, 0.12, 0.19
HSL	13°, 20%, 76%
HSV	13°, 12%, 81%
XYZ	51.6674, 52.0399, 51.5775
YIQ	192.1110, 12.9290, 2.4730

Conversions

Conversions Part 2

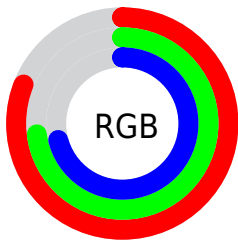
Format	Color
R _Y B	206, 188, 182
Decimal	13548470
CIE Lab	77.30, 5.89, 4.96
CIE LCh	77, 7.703, 40.125
Yxy	52.0399, 0.3327, 0.3351
Android (android.graphics.Color)	4291738550 (0xFFCEBBB6)
YUV	192.1110, -4.9847, 12.1807
Hunter-Lab	72.1387, 1.6031, 8.1061

Details

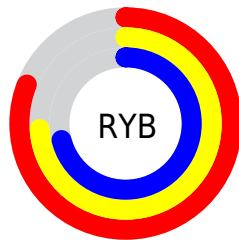
The XYZ color **51.6674, 52.0399, 51.5775** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3183, 56.1733, 66.5307**, and the grayscale version is **50.1919, 52.8058, 57.5055**.

A 20% lighter version of the original color is **88.7232, 91.5342, 93.8806**, and **25.4364, 25.3106, 24.3137** is the 20% darker color. If you saturate the color by 10%, you get **46.4286, 44.7220, 40.0892**, and if you desaturate by 10%, it is **57.6151, 60.2732, 64.8484**.

Distribution



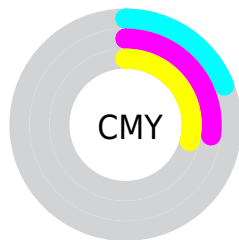
- Red (81%)
- Green (73%)
- Blue (71%)



- Red (81%)
- Yellow (74%)
- Blue (71%)



- Cyan (0%)
- Magenta (9%)
- Yellow (12%)
- Black (19%)





- Cyan (19%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.6674, 52.0399, 51.5775 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 51.6674, 52.0399, 51.5775 by changing the saturation by 10% instead.


 51.6674, 52.0399,
51.5775

 51.6674, 52.0399,
51.5775


383.4963,
394.5906, 409.7138

 36.9632, 37.0369,
36.2885


 91.8177, 93.1901,
93.9281

 25.3526, 25.2360,
24.3656


117.9945,
120.1060, 121.8267

 16.4701, 16.2530,
15.3904


148.7262,
151.7617, 154.7657

 9.9503, 9.7034,
8.9442

184.3783,
188.5416, 193.1635

 5.4281, 5.2027,
4.6085

225.3159,
230.8301, 237.4386

 2.5379, 2.3667,
1.9647

271.9046,

 0.9144, 0.8087,

279.0114, 288.0097

0.5335

324.5096,
333.4702, 345.2952

■ 0.0000, 0.0000,
0.0000

■ 51.6674, 52.0399,
51.5775

■ 51.6674, 52.0399,
51.5775

■ 46.4286, 44.7220,
40.0892

■ 57.6151, 60.2732,
64.8484

■ 41.8677, 38.2810,
30.3041

■ 64.2926, 69.4451,
79.9702

■ 37.9576, 32.6857,
22.1418

■ 71.7252, 79.5864,
97.0114

■ 34.6680, 27.9007,
15.5138

■ 78.3849, 90.1042,
107.8683

■ 31.9657, 23.8877,
10.3233

■ 79.2638, 91.8619,
108.1612

■ 29.8147, 20.6055,
6.4625

■ 28.1745, 18.0086,
3.8080

■ 26.9983, 16.0465,
2.2129

■ 26.3159, 14.8461,
1.4786

Harmonies

Analogous

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



52.3131, 52.0399, 55.2438



51.6674, 52.0399, 51.5775



50.4348, 52.0399, 49.3478

Triad

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



51.6674, 52.0399, 51.5775



46.8376, 52.0399, 53.9404



49.9636, 52.0399, 65.0585

Complementary

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



51.6674, 52.0399, 51.5775



51.3183, 56.1733, 66.5307

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.



48.5025, 52.0399, 64.6667



51.6674, 52.0399, 51.5775



46.7171, 52.0399, 58.1055

Square

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



51.6674, 52.0399, 51.5775



47.6534, 52.0399, 50.6642



47.3210, 52.0399, 62.0714



51.3166, 52.0399, 63.1167

Rectangle

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



51.6674, 52.0399, 51.5775



49.4562, 52.0399, 48.9070



47.3210, 52.0399, 62.0714



49.4686, 52.0399, 65.1976

Sweetspot

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



51.6688, 52.0422, 51.5786



91.9413, 95.7144, 101.9080



52.7483, 50.8049, 62.4085



19.5053, 20.2467, 21.4225



0.0000, 0.0000, 0.0000



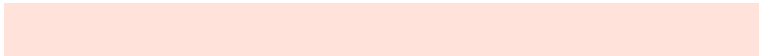
20.3446, 21.4041, 23.3091

Same Dimension

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



51.6688, 52.0422, 51.5786



81.4647, 81.1882, 78.6023



54.2751, 57.2546, 52.4473



11.3987, 11.5864, 11.7151



16.2617, 9.2563, 0.9296



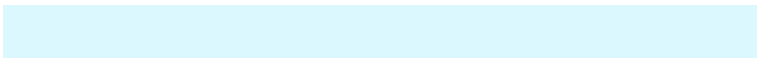
0.8951, 0.5900, 0.0667

Inverse Universe

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



51.3183, 56.1733, 66.5307



80.7850, 89.1891, 107.5651



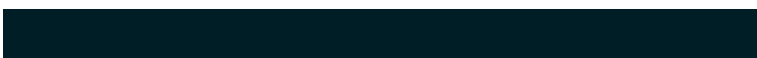
48.6733, 50.8833, 65.6490



11.3370, 12.3144, 14.3498



15.0020, 19.0281, 38.8384



0.8252, 1.0841, 2.0207

Previews

White Background



This preview shows how the XYZ color 51.6674, 52.0399, 51.5775 looks on a white background.

Color Contrast Check

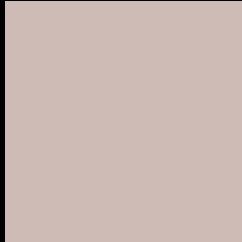
Large Text (above 18pt) WCAG AA × Fail

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 51.6674, 52.0399, 51.5775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

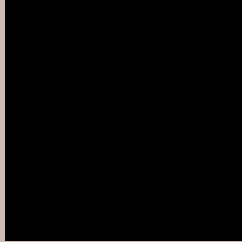
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

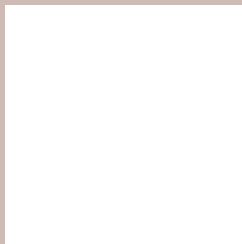
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.6674, 52.0399, 51.5775

Background



This preview shows how black text looks on a background with the XYZ color 51.6674, 52.0399, 51.5775.



This preview shows how white text looks on a background with the XYZ color 51.6674, 52.0399,

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

51.6674, 52.0399, 51.5775

Protanopia

49.8301, 52.0234, 52.7626

Deuteranopia

53.2330, 52.2215, 51.5300



Tritanopia

53.4617, 51.8144, 61.2163

Trichromacy



Original Color

51.6674, 52.0399, 51.5775

Protanomaly

50.5643, 52.0934, 52.1898

Deuteranomaly

52.5807, 52.1968, 51.5597

Tritanomaly

52.7067, 51.8136, 57.6752

Monochromacy



Original Color

51.6674, 52.0399, 51.5775

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.5165, 52.3281, 55.0148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6674, 52.0399, 51.5775 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, 187, 182)` looks like.

```
.text, #text, p{  
    color:rgb(206, 187, 182)  
}
```

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, 187, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 187, 182) }
```

Border

The CSS property to change the border of an element to XYZ 51.6674, 52.0399, 51.5775 is called "border". The border property can be set on classes, ids or directly on the HTML element.

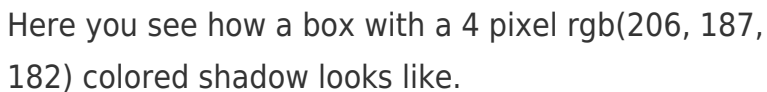
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 187, 182) }
```


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

```
.border{ border-color:rgb(206, 187, 182) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 187, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 187, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 187, 182); box-shadow:4px 4px 4px 4px rgb(206, 187, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6674, 52.0399, 51.5775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 187, 182) }
```

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

```
.background{ background-color: rgb(206,  
187, 182) }
```

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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