

Converting Colors

XYZ(50.9982, 51.3337, 53.6774)

Have a look what the booklet for
XYZ(50.9982, 51.3337, 53.6774)
contains.

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Color

**XYZ(51.0504, 51.3595,
53.6771)**

Conversions

Conversions Part 1

Format	Color
Hex	CBBABA
RGB	203, 186, 186
RGB Percent	80%, 73%, 73%
CMY	0.2039, 0.2706, 0.2706
CMYK	0.00, 0.08, 0.08, 0.20
HSL	0°, 14%, 76%
HSV	0°, 8%, 80%
XYZ	51.0504, 51.3595, 53.6771
YIQ	191.0830, 10.1320, 3.6040

Conversions

Conversions Part 2

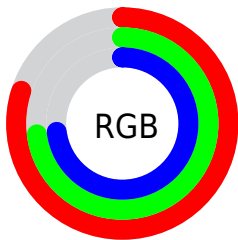
Format	Color
R _Y B	203, 186, 186
Decimal	13351610
CIE Lab	76.90, 6.02, 2.17
CIE LCh	77, 6.399, 19.844
Yxy	51.3595, 0.3271, 0.3290
Android (android.graphics.Color)	4291541690 (0xFFCBBABA)
YUV	191.0830, -2.5059, 10.4512
Hunter-Lab	71.6655, 1.7384, 5.7580

Details

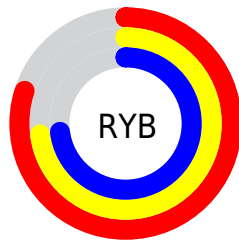
The XYZ color **51.0504, 51.3595, 53.6771** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3849, 57.4616, 64.8306**, and the grayscale version is **49.5805, 52.1626, 56.8051**.

A 20% lighter version of the original color is **89.0191, 91.1751, 96.9111**, and **25.0156, 24.8581, 25.6699** is the 20% darker color. If you saturate the color by 10%, you get **45.0678, 42.6057, 41.7813**, and if you desaturate by 10%, it is **57.9498, 61.4551, 67.3924**.

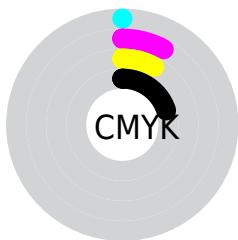
Distribution



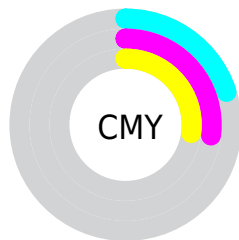
- Red (80%)
- Green (73%)
- Blue (73%)



- Red (80%)
- Yellow (73%)
- Blue (73%)



- Cyan (0%)
- Magenta (8%)
- Yellow (8%)
- Black (20%)





- Cyan (20%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.0504, 51.3595, 53.6771 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 51.0504, 51.3595, 53.6771 by changing the saturation by 10% instead.


 51.0504, 51.3595,
53.6771

 51.0504, 51.3595,
53.6771


381.1440,
391.9589, 418.0172

 36.4699, 36.4948,
37.9521


 90.9118, 92.1860,
97.0516

 24.9691, 24.8166,
25.6440


116.9235,
118.9165, 125.5382

 16.1827, 15.9405,
16.3341


147.4762,
150.3711, 159.1158

 9.7452, 9.4820,
9.6040

182.9354,
186.9342, 198.2029

 5.2913, 5.0569,
5.0350

223.6665,
228.9901, 243.2181

 2.4557, 2.2807,
2.2087

270.0347,

 0.8730, 0.7635,

276.9232, 294.5798

0.6794

322.4054,
331.1181, 352.7067

■ 0.0000, 0.0000,
0.0000

■ 51.0504, 51.3595,
53.6771

■ 51.0504, 51.3595,
53.6771

■ 45.0678, 42.6057,
41.7813

■ 57.9498, 61.4551,
67.3924

■ 39.9594, 35.1308,
31.6254

■ 65.7978, 72.9383,
82.9956

■ 35.6855, 28.8770,
23.1289

■ 74.6299, 85.8615,
100.5556

■ 32.2019, 23.7794,
16.2037

■ 78.4388, 91.4366,
108.1226

■ 29.4601, 19.7673,
10.7535

■ 27.4064, 16.7619,
6.6714

■ 25.9798, 14.6742,
3.8362

■ 25.1088, 13.3994,
2.1055

■ 24.6832, 12.7764,
1.2599

Harmonies

Analogous

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



51.1559, 51.3595, 57.1120



51.0504, 51.3595, 53.6771



50.3406, 51.3595, 50.9536

Triad

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



51.0504, 51.3595, 53.6771



47.0486, 51.3595, 51.7097



48.4041, 51.3595, 62.7825

Complementary

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



51.0504, 51.3595, 53.6771



52.3849, 57.4616, 64.8306

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.



47.3219, 51.3595, 61.2028



51.0504, 51.3595, 53.6771



46.5479, 51.3595, 54.7482

Square

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



51.0504, 51.3595, 53.6771



48.0255, 51.3595, 49.8509



46.6471, 51.3595, 58.2282



49.6145, 51.3595, 62.4665

Rectangle

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



51.0504, 51.3595, 53.6771



49.6266, 51.3595, 49.8624



46.6471, 51.3595, 58.2282



48.0136, 51.3595, 62.4531

Sweetspot

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



51.0518, 51.3618, 53.6782



91.4510, 94.7338, 101.7446



52.9676, 52.1268, 63.7702



19.3736, 19.9834, 21.3786



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.



51.0518, 51.3618, 53.6782



83.6122, 83.2639, 86.1600



52.8954, 55.0488, 54.2927



11.2126, 11.2141, 11.6530



15.6739, 8.0808, 0.7336



0.8087, 0.4170, 0.0379

Inverse Universe

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



52.3849, 57.4616, 64.8306



86.2811, 95.4769, 108.4891



50.4331, 53.5581, 64.1800



11.5431, 12.7266, 14.4185



20.4444, 29.9127, 40.6525



1.0548, 1.5433, 2.0972

Previews

White Background



This preview shows how the XYZ color 51.0504, 51.3595, 53.6771 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 51.0504, 51.3595, 53.6771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

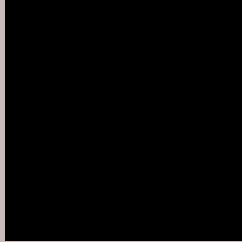
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0504, 51.3595, 53.6771

Background



This preview shows how black text looks on a background with the XYZ color 51.0504, 51.3595, 53.6771.



This preview shows how white text looks on a background with the XYZ color 51.0504, 51.3595,

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

51.0504, 51.3595, 53.6771

Protanopia

49.5228, 51.4954, 54.9064

Deuteranopia

52.2979, 51.3815, 53.6156



Tritanopia

52.6261, 51.3836, 61.1772

Trichromacy



Original Color

51.0504, 51.3595, 53.6771

Protanomaly

49.9788, 51.4246, 54.3055

Deuteranomaly

51.9440, 51.5085, 53.6588

Tritanomaly

51.9884, 51.4303, 58.2259

Monochromacy



Original Color

51.0504, 51.3595, 53.6771

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.8886, 51.6714, 55.4883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0504, 51.3595, 53.6771 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(203, 186, 186) looks like.

```
.text, #text, p{  
    color:rgb(203, 186, 186)  
}
```

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(203, 186, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 186, 186) }
```

Border

The CSS property to change the border of an element to XYZ 51.0504, 51.3595, 53.6771 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(203, 186, 186) }
```


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

```
.border{ border-color:rgb(203, 186, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 186, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 186, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 186, 186);  
box-shadow:4px 4px 4px 4px rgb(203, 186,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0504, 51.3595, 53.6771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 186, 186) }
```

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

```
.background{ background-color: rgb(203,  
186, 186) }
```

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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