

Converting Colors

XYZ(50.7210, 51.7792, 54.6320)

Have a look what the booklet for
XYZ(50.7210, 51.7792, 54.6320)
contains.

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Color

**XYZ(50.8797, 51.8766,
54.9085)**

Conversions

Conversions Part 1

Format	Color
Hex	C8BCBC
RGB	200, 188, 188
RGB Percent	78%, 74%, 74%
CMY	0.2157, 0.2627, 0.2627
CMYK	0.00, 0.06, 0.06, 0.22
HSL	0°, 10%, 76%
HSV	0°, 6%, 78%
XYZ	50.8797, 51.8766, 54.9085
YIQ	191.5880, 7.1520, 2.5440

Conversions

Conversions Part 2

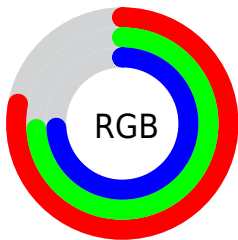
Format	Color
R _Y B	200, 188, 188
Decimal	13155516
CIE Lab	77.21, 4.23, 1.51
CIE LCh	77, 4.488, 19.649
Yxy	51.8766, 0.3227, 0.3290
Android (android.graphics.Color)	4291345596 (0xFFC8BCBC)
YUV	191.5880, -1.7689, 7.3773
Hunter-Lab	72.0254, 0.0503, 5.2181

Details

The XYZ color **50.8797, 51.8766, 54.9085** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8185, 56.1691, 62.7548**, and the grayscale version is **49.8710, 52.4682, 57.1379**.

A 20% lighter version of the original color is **89.9198, 92.4930, 98.7016**, and **24.8912, 25.1882, 26.4716** is the 20% darker color. If you saturate the color by 10%, you get **44.8922, 43.1158, 43.0025**, and if you desaturate by 10%, it is **57.7607, 61.9450, 68.5877**.

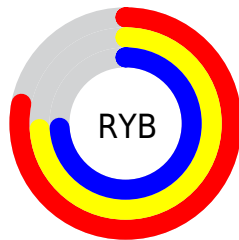
Distribution



Red (78%)

Green (74%)

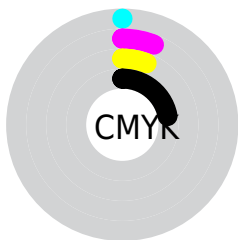
Blue (74%)



Red (78%)

Yellow (74%)

Blue (74%)

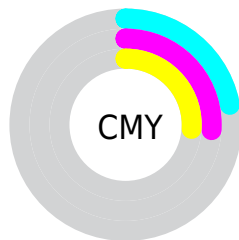


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (22%)



Cyan (22%)

Magenta (26%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8797, 51.8766, 54.9085 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 50.8797, 51.8766, 54.9085 by changing the saturation by 10% instead.

■ 50.8797, 51.8766,
54.9085

■ 50.8797, 51.8766,
54.9085

380.4916,
393.9600, 422.8372

■ 36.3335, 36.9067,
38.9304

■ 90.6610, 92.9492,
98.8767

■ 24.8632, 25.1353,
26.3981

116.6268,
119.8208, 127.7038

■ 16.1034, 16.1779,
16.8933

147.1299,
151.4283, 161.6510

■ 9.6886, 9.6501,
9.9973

182.5356,
188.1563, 201.1369

■ 5.2537, 5.1676,
5.2916

223.2092,
230.3890, 246.5798

■ 2.4331, 2.3459,
2.3576

269.5162,

■ 0.8617, 0.7979,

278.5110, 298.3985

0.7632

321.8219,
332.9065, 357.0115

■ 0.0000, 0.0000,
0.0000

■ 50.8797, 51.8766,
54.9085

■ 50.8797, 51.8766,
54.9085

■ 44.8922, 43.1158,
43.0025

■ 57.7607, 61.9450,
68.5877

■ 39.7575, 35.6024,
32.7940

■ 65.5651, 73.3643,
84.1050

■ 35.4380, 29.2820,
24.2066

■ 74.3269, 86.1844,
101.5261

■ 31.8919, 24.0930,
17.1572

■ 77.6297, 91.0195,
108.0847

■ 29.0736, 19.9689,
11.5547

■ 26.9325, 16.8357,
7.2991

■ 25.4119, 14.6104,
4.2771

■ 24.4457, 13.1962,
2.3573

■ 23.9509, 12.4719,
1.3747

Harmonies

Analogous

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



50.9505, 51.8766, 57.3394



50.8797, 51.8766, 54.9085



50.3847, 51.8766, 52.9547

Triad

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



50.8797, 51.8766, 54.9085



48.0586, 51.8766, 53.4759



49.0108, 51.8766, 61.2690

Complementary

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



50.8797, 51.8766, 54.9085



51.8185, 56.1691, 62.7548

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.



48.2450, 51.8766, 60.1684



50.8797, 51.8766, 54.9085



47.6995, 51.8766, 55.6388

Square

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



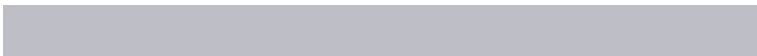
50.8797, 51.8766, 54.9085



48.7536, 51.8766, 52.1444



47.7673, 51.8766, 58.0910



49.8648, 51.8766, 61.0596

Rectangle

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



50.8797, 51.8766, 54.9085



49.8840, 51.8766, 52.1632



47.7673, 51.8766, 58.0910



48.7347, 51.8766, 61.0387

Sweetspot

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



50.8812, 51.8789, 54.9096



92.6346, 96.4658, 104.0977



52.2286, 52.4167, 62.0089



19.8529, 20.6847, 22.3315



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.



50.8812, 51.8789, 54.9096



86.8771, 88.0414, 92.6505



52.1890, 54.4945, 55.3456



10.8883, 11.0093, 11.5608



15.1457, 7.8087, 0.7090



0.7172, 0.3699, 0.0336

Inverse Universe

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



51.8185, 56.1691, 62.7548



88.7835, 96.7671, 108.6063



50.4569, 53.4458, 62.3009



11.1413, 12.1676, 13.6789



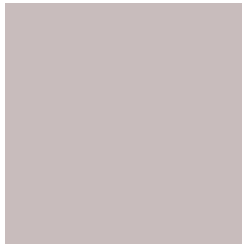
19.7533, 28.9005, 39.2816



0.9354, 1.3686, 1.8600

Previews

White Background



This preview shows how the XYZ color 50.8797, 51.8766, 54.9085 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 50.8797, 51.8766, 54.9085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

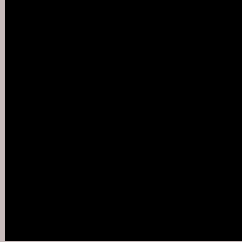
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

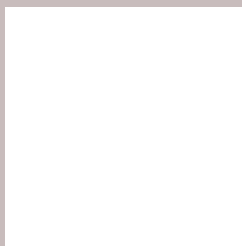
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.8797, 51.8766, 54.9085

Background



This preview shows how black text looks on a background with the XYZ color 50.8797, 51.8766, 54.9085.



This preview shows how white text looks on a background with the XYZ color 50.8797, 51.8766,

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

50.8797, 51.8766, 54.9085

Protanopia

49.8469, 51.9704, 55.5482

Deuteranopia

53.1126, 52.0737, 55.3960



Tritanopia

52.4586, 51.8914, 62.5095

Trichromacy



Original Color

50.8797, 51.8766, 54.9085

Protanomaly

50.1479, 51.8051, 55.5004

Deuteranomaly

52.1978, 51.9137, 55.4133

Tritanomaly

51.8215, 51.9437, 59.5194

Monochromacy



Original Color

50.8797, 51.8766, 54.9085

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.5404, 52.6253, 56.7841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8797, 51.8766, 54.9085 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(200, 188, 188)` looks like.

```
.text, #text, p{  
    color:rgb(200, 188, 188)  
}
```

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(200, 188, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 188, 188) }
```

Border

The CSS property to change the border of an element to XYZ 50.8797, 51.8766, 54.9085 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(200, 188, 188) }
```


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

```
.border{ border-color:rgb(200, 188, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 188, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 188, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 188, 188);  
box-shadow:4px 4px 4px 4px rgb(200, 188,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8797, 51.8766, 54.9085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 188, 188) }
```

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

```
.background{ background-color: rgb(200,  
188, 188) }
```

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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