

Converting Colors

XYZ(50.8135, 51.9004, 60.9630)

Have a look what the booklet for
XYZ(50.8135, 51.9004, 60.9630)
contains.

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Color

**XYZ(50.8963, 52.0745,
60.7949)**

Conversions

Conversions Part 1

Format	Color
Hex	C3BDC6
RGB	195, 189, 198
RGB Percent	76%, 74%, 78%
CMY	0.2353, 0.2588, 0.2235
CMYK	0.02, 0.05, 0.00, 0.22
HSL	280°, 7%, 76%
HSV	280°, 5%, 78%
XYZ	50.8963, 52.0745, 60.7949
YIQ	191.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

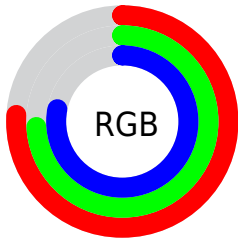
Format	Color
R_{YB}	195, 189, 198
Decimal	12828102
CIE _{Lab}	77.33, 3.76, -3.78
CIE _{LCh}	77, 5.334, 314.823
Yxy	52.0745, 0.3108, 0.3180
Android (android.graphics.Color)	4291018182 (0xFFC3BDC6)
YUV	191.8200, 3.0467, 2.7889
Hunter-Lab	72.1627, -0.3887, 0.5638

Details

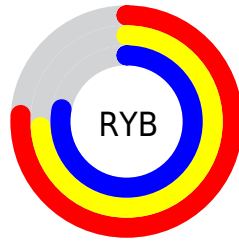
The XYZ color **50.8963, 52.0745, 60.7949** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.1195, 55.2701, 56.1207**, and the grayscale version is **49.9817, 52.5847, 57.2647**.

A 20% lighter version of the original color is **90.8473, 93.2203, 107.8129**, and **24.8227, 25.2847, 29.9577** is the 20% darker color. If you saturate the color by 10%, you get **45.2567, 43.2715, 59.3938**, and if you desaturate by 10%, it is **57.1958, 62.0838, 62.3957**.

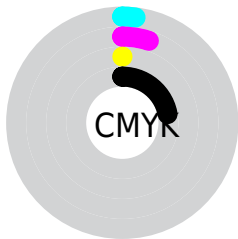
Distribution



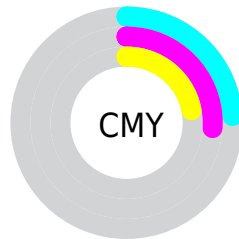
- Red (76%)
- Green (74%)
- Blue (78%)



- Red (76%)
- Yellow (74%)
- Blue (78%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8963, 52.0745, 60.7949 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 50.8963, 52.0745, 60.7949 by changing the saturation by 10% instead.

■ 50.8963, 52.0745,
60.7949

■ 50.8963, 52.0745,
60.7949

380.5551,
394.7242, 445.4073

■ 36.3468, 37.0645,
43.6302

■ 90.6854, 93.2411,
107.5365

■ 24.8735, 25.2574,
30.0448

116.6556,
120.1665, 137.9506

■ 16.1111, 16.2689,
19.6203

147.1636,
151.8324, 173.6181

■ 9.6941, 9.7147,
11.9380

182.5745,
188.6232, 214.9577

■ 5.2573, 5.2102,
6.5794

223.2537,
230.9235, 262.3878

■ 2.4353, 2.3711,
3.1261

269.5666,

■ 0.8628, 0.8110,

279.1174, 316.3271

1.1594

321.8786,
333.5895, 377.1941

■ 0.0000, 0.0000,
0.0000

■ 50.8963, 52.0745,
60.7949

■ 50.8963, 52.0745,
60.7949

■ 45.2567, 43.2715,
59.3938

■ 57.1958, 62.0838,
62.3957

■ 40.2482, 35.6207,
58.1810

■ 64.1736, 73.3372,
64.2000

■ 35.8462, 29.0739,
57.1494

■ 71.8533, 85.8794,
66.2161

■ 32.0229, 23.5769,
56.2898

■ 75.8971, 91.0339,
66.9979

■ 28.7480, 19.0706,
55.5926

■ 77.9521, 92.0933,
67.0941

■ 25.9882, 15.4901,
55.0470

■ 80.0871, 93.1940,
67.1940

■ 23.7065, 12.7626,
54.6408

■ 82.3030, 94.3363,
67.2977

■ 21.8597, 10.8037,
54.3600

■ 84.6006, 95.5207,
67.4052

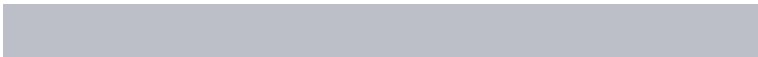
■ 20.3960, 9.5114,
54.1877

■ 86.9807, 96.7478,
67.5166

Harmonies

Analogous

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



50.0007, 52.0745, 62.3284



50.8963, 52.0745, 60.7949



51.4201, 52.0745, 58.1895

Triad

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



50.8963, 52.0745, 60.7949



50.0125, 52.0745, 51.4300



47.6160, 52.0745, 58.1553

Complementary

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



50.8963, 52.0745, 60.7949



51.1195, 55.2701, 56.1207

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.



47.6191, 52.0745, 55.2367



50.8963, 52.0745, 60.7949



48.9932, 52.0745, 51.4216

Square

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



50.8963, 52.0745, 60.7949



50.9051, 52.0745, 52.8172



48.1202, 52.0745, 52.7938



48.1117, 52.0745, 60.7691

Rectangle

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



50.8963, 52.0745, 60.7949



51.4834, 52.0745, 56.2274



48.1202, 52.0745, 52.7938



47.5590, 52.0745, 57.1758

Sweetspot

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



50.8978, 52.0767, 60.7960



93.9298, 98.2229, 108.6160



50.0639, 52.6634, 60.9532



20.1167, 21.0425, 23.2513



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.



50.8978, 52.0767, 60.7960



89.5697, 91.3358, 107.5165



51.5258, 52.4184, 60.0164



11.2096, 11.3900, 13.5252



12.9086, 5.8889, 35.2007



0.6857, 0.3172, 1.6702

Inverse Universe

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



51.0025, 52.2091, 57.2610



89.7782, 91.5978, 100.5412



50.5148, 54.9413, 56.8607



11.2389, 11.4267, 12.5527



15.8210, 8.0779, 4.2671



0.7829, 0.3960, 0.3799

Previews

White Background



This preview shows how the XYZ color 50.8963, 52.0745, 60.7949 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 50.8963, 52.0745, 60.7949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

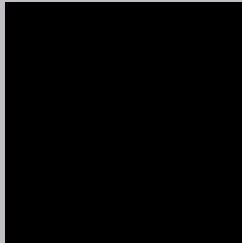
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.8963, 52.0745, 60.7949

Background



This preview shows how black text looks on a background with the XYZ color 50.8963, 52.0745, 60.7949.

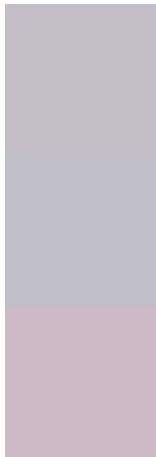


This preview shows how white text looks on a background with the XYZ color 50.8963, 52.0745,

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

50.8963, 52.0745, 60.7949

Protanopia

50.4605, 52.1569, 61.4406

Deuteranopia

53.1114, 51.9433, 61.2596



Tritanopia

51.5277, 52.0140, 63.8238

Trichromacy



Original Color

50.8963, 52.0745, 60.7949

Protanomaly

50.7146, 52.2879, 61.4525

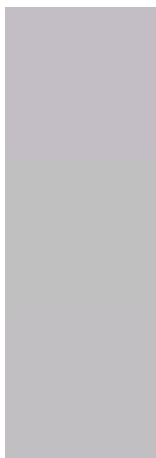
Deuteranomaly

52.2248, 51.7979, 61.2783

Tritanomaly

51.2908, 51.9192, 62.5764

Monochromacy



Original Color

50.8963, 52.0745, 60.7949

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.3607, 52.4941, 58.5170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8963, 52.0745, 60.7949 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(195, 189, 198) looks like.

```
.text, #text, p{  
    color:rgb(195, 189, 198)  
}
```

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(195, 189, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 189, 198) }
```

Border

The CSS property to change the border of an element to XYZ 50.8963, 52.0745, 60.7949 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(195, 189, 198) }
```


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

```
.border{ border-color:rgb(195, 189, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 189, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 189, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 189, 198);  
box-shadow:4px 4px 4px 4px rgb(195, 189,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8963, 52.0745, 60.7949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 189, 198) }
```

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

```
.background{ background-color: rgb(195,  
189, 198) }
```

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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