

Converting Colors

XYZ(51.7251, 52.4461, 60.4972)

Have a look what the booklet for
XYZ(51.7251, 52.4461, 60.4972)
contains.

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Color

**XYZ(51.8288, 52.5685,
60.2384)**

Conversions

Conversions Part 1

Format	Color
Hex	C7BDC5
RGB	199, 189, 197
RGB Percent	78%, 74%, 77%
CMY	0.2196, 0.2588, 0.2274
CMYK	0.00, 0.05, 0.01, 0.22
HSL	312°, 8%, 76%
HSV	312°, 5%, 78%
XYZ	51.8288, 52.5685, 60.2384
YIQ	192.9020, 3.3920, 4.6080

Conversions

Conversions Part 2

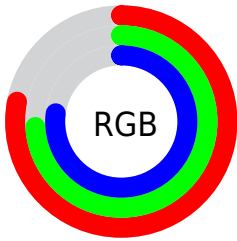
Format	Color
R _Y B	199, 189, 197
Decimal	13090245
CIE Lab	77.62, 4.96, -2.77
CIE LCh	78, 5.680, 330.783
Yxy	52.5685, 0.3148, 0.3193
Android (android.graphics.Color)	4291280325 (0xFFC7BDC5)
YUV	192.9020, 2.0203, 5.3479
Hunter-Lab	72.5041, 0.7166, 1.4932

Details

The XYZ color **51.8288, 52.5685, 60.2384** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8156, 55.4286, 57.3134**, and the grayscale version is **50.6194, 53.2555, 57.9952**.

A 20% lighter version of the original color is **91.7818, 93.7206, 107.0184**, and **25.4391, 25.6112, 29.5893** is the 20% darker color. If you saturate the color by 10%, you get **47.3888, 44.4083, 56.5379**, and if you desaturate by 10%, it is **56.8712, 61.9127, 64.2005**.

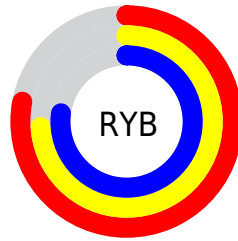
Distribution



Red (78%)

Green (74%)

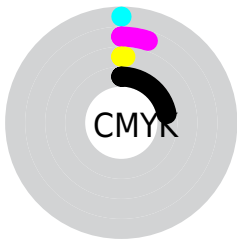
Blue (77%)



Red (78%)

Yellow (74%)

Blue (77%)

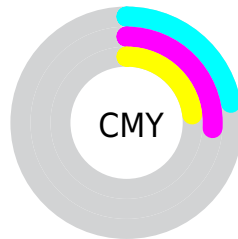


Cyan (0%)

Magenta (5%)

Yellow (1%)

Black (22%)



Cyan (22%)

Magenta (26%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.8288, 52.5685, 60.2384 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 51.8288, 52.5685, 60.2384 by changing the saturation by 10% instead.

■ 51.8288, 52.5685,
60.2384

■ 51.8288, 52.5685,
60.2384

384.1101,
396.6274, 443.3050

■ 37.0924, 37.4584,
43.1843

■ 92.0544, 93.9691,
106.7222

■ 25.4530, 25.5626,
29.6972

118.2743,
121.0284, 136.9889

■ 16.5454, 16.4967,
19.3588

149.0527,
152.8396, 172.4969

■ 10.0042, 9.8763,
11.7504

184.7550,
189.7871, 213.6647

■ 5.4640, 5.3170,
6.4535

225.7466,
232.2552, 260.9109

■ 2.5595, 2.4345,
3.0495

272.3927,

■ 0.9254, 0.8435,

280.6284, 314.6540

1.1200

325.0588,
335.2910, 375.3125

■ 0.0000, 0.0000,
0.0000

■ 51.8288, 52.5685,
60.2384

■ 51.8288, 52.5685,
60.2384

■ 47.3888, 44.4083,
56.5379

■ 56.8712, 61.9127,
64.2005

■ 43.5229, 37.3777,
53.0870

■ 62.5339, 72.4790,
68.4285

■ 40.2070, 31.4283,
49.8781

■ 68.8399, 84.3122,
72.9314

■ 37.4137, 26.5053,
46.9015

■ 71.3143, 88.4626,
76.2178

■ 35.1133, 22.5494,
44.1467

■ 71.8258, 88.6672,
78.9111

■ 33.2729, 19.4948,
41.6024

■ 72.3498, 88.8768,
81.6702

■ 31.8554, 17.2678,
39.2558

■ 72.8863, 89.0914,
84.4956

■ 30.8182, 15.7831,
37.0921

■ 73.4355, 89.3111,
87.3877

■ 30.1091, 14.9365,
35.0934

■ 73.9974, 89.5359,
90.3468

Harmonies

Analogous

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



51.0523, 52.5685, 62.5875



51.8288, 52.5685, 60.2384



52.1041, 52.5685, 57.1557

Triad

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



51.8288, 52.5685, 60.2384



49.9360, 52.5685, 51.4067



48.1741, 52.5685, 60.3864

Complementary

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



51.8288, 52.5685, 60.2384



50.8156, 55.4286, 57.3134

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.



47.8848, 52.5685, 57.3207



51.8288, 52.5685, 60.2384



48.8928, 52.5685, 52.2026

Square

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



51.8288, 52.5685, 60.2384



51.0017, 52.5685, 52.1251



48.1460, 52.5685, 54.3392



48.9420, 52.5685, 62.6751

Rectangle

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



51.8288, 52.5685, 60.2384



51.9633, 52.5685, 55.1210



48.1460, 52.5685, 54.3392



48.0182, 52.5685, 59.4089

Sweetspot

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



51.8303, 52.5708, 60.2395



93.2807, 96.7235, 107.5020



49.9944, 51.5977, 61.3579



19.9844, 20.7371, 23.0246



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.



51.8303, 52.5708, 60.2395



89.8729, 90.4281, 104.7625



51.2669, 52.3454, 57.2729



11.2718, 11.3002, 13.1565



19.2116, 9.4342, 22.1219



0.9335, 0.4562, 1.1728

Inverse Universe

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



51.8303, 52.5708, 60.2395



89.8729, 90.4281, 104.7625



51.3752, 55.6524, 60.2601



11.2718, 11.3002, 13.1565



19.2116, 9.4342, 22.1219



0.9335, 0.4562, 1.1728

Previews

White Background



This preview shows how the XYZ color 51.8288, 52.5685, 60.2384 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 51.8288, 52.5685, 60.2384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

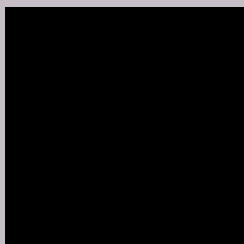
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

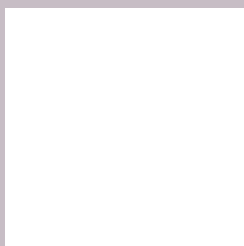
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.8288, 52.5685, 60.2384

Background



This preview shows how black text looks on a background with the XYZ color 51.8288, 52.5685, 60.2384.



This preview shows how white text looks on a background with the XYZ color 51.8288, 52.5685,

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

51.8288, 52.5685, 60.2384

Protanopia

50.8162, 52.6763, 60.9153

Deuteranopia

53.7644, 52.6049, 60.7462



Tritanopia

52.5821, 52.5576, 63.8732

Trichromacy



Original Color

51.8288, 52.5685, 60.2384

Protanomaly

51.1122, 52.5062, 60.8669

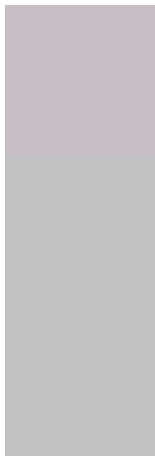
Deuteranomaly

53.1402, 52.5970, 60.7775

Tritanomaly

52.3453, 52.4628, 62.6258

Monochromacy



Original Color

51.8288, 52.5685, 60.2384

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.0929, 53.1964, 58.6140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8288, 52.5685, 60.2384 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(199, 189, 197) looks like.

```
.text, #text, p{  
    color:rgb(199, 189, 197)  
}
```

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(199, 189, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 189, 197) }
```

Border

The CSS property to change the border of an element to XYZ 51.8288, 52.5685, 60.2384 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(199, 189, 197) }
```


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

```
.border{ border-color:rgb(199, 189, 197) }
```

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

Here you see how a box with a 4 pixel rgb(199, 189, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 189, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 189, 197);  
box-shadow:4px 4px 4px 4px rgb(199, 189,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8288, 52.5685, 60.2384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 189, 197) }
```

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

```
.background{ background-color: rgb(199,  
189, 197) }
```

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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