

Converting Colors

XYZ(44.6812, 45.3530, 57.7261)

Have a look what the booklet for
XYZ(44.6812, 45.3530, 57.7261)
contains.

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Color

**XYZ(44.5158, 45.1631,
57.4100)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B1C2
RGB	181, 177, 194
RGB Percent	71%, 69%, 76%
CMY	0.2902, 0.3059, 0.2392
CMYK	0.07, 0.09, 0.00, 0.24
HSL	254°, 12%, 73%
HSV	254°, 9%, 76%
XYZ	44.5158, 45.1631, 57.4100
YIQ	180.1340, -3.0730, 6.1350

Conversions

Conversions Part 2

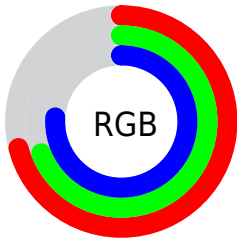
Format	Color
RYB	181, 177, 194
Decimal	11907522
CIELab	73.00, 4.68, -8.13
CIELCh	73, 9.378, 299.924
Yxy	45.1631, 0.3026, 0.3070
Android (android.graphics.Color)	4290097602 (0xFFB5B1C2)
YUV	180.1340, 6.8359, 0.7595
Hunter-Lab	67.2035, 0.6328, -3.6073

Details

The XYZ color **44.5158, 45.1631, 57.4100** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.4644, 52.7062, 49.2162**, and the grayscale version is **43.4211, 45.6824, 49.7481**.

A 20% lighter version of the original color is **81.3193, 83.1845, 102.2127**, and **20.8434, 20.8979, 27.7461** is the 20% darker color. If you saturate the color by 10%, you get **37.6574, 36.3387, 56.0689**, and if you desaturate by 10%, it is **52.2922, 55.2719, 58.9520**.

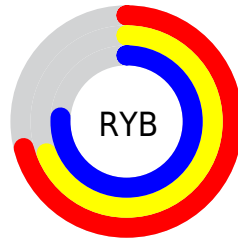
Distribution



Red (71%)

Green (69%)

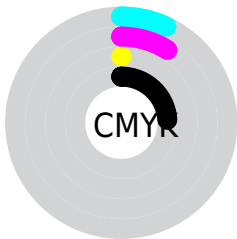
Blue (76%)



Red (71%)

Yellow (69%)

Blue (76%)

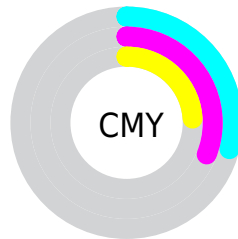


Cyan (7%)

Magenta (9%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (31%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5158, 45.1631, 57.4100 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 44.5158, 45.1631, 57.4100 by changing the saturation by 10% instead.

■ 44.5158, 45.1631,
57.4100

■ 44.5158, 45.1631,
57.4100

355.6258,
367.4337, 432.5206

■ 31.2759, 31.5859,
40.9230

■ 81.2349, 82.9651,
102.5695

■ 20.9619, 21.0454,
27.9396

105.4447,
107.9587, 132.0789

■ 13.2084, 13.1572,
18.0415

134.0420,
137.5266, 166.7663

■ 7.6502, 7.5369,
10.8100

167.3919,
172.0531, 207.0501

■ 3.9219, 3.8001,
5.8267

205.8599,
211.9227, 253.3489

■ 1.6580, 1.5624,
2.6729

249.8113,

■ 0.4298, 0.3320,

257.5197, 306.0812

0.9297

299.6114,
309.2286, 365.6656

■ 0.0000, 0.0000,
0.0000

■ 44.5158, 45.1631,
57.4100

■ 44.5158, 45.1631,
57.4100

■ 37.6574, 36.3387,
56.0689

■ 52.2922, 55.2719,
58.9520

■ 31.6786, 28.7412,
54.9175

■ 61.0150, 66.7079,
60.6997

■ 26.5441, 22.3174,
53.9482

■ 70.7167, 79.5194,
62.6612

■ 22.2146, 17.0076,
53.1515

■ 81.4267, 93.7502,
64.8435

■ 18.6476, 12.7472,
52.5172

■ 86.7377, 96.6751,
65.1282

■ 15.7966, 9.4645,
52.0338

■ 13.6094, 7.0786,
51.6886

■ 12.0264, 5.4953,
51.4664

■ 10.9575, 4.5626,
51.3427

Harmonies

Analogous

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



42.9220, 45.1631, 58.7529



44.5158, 45.1631, 57.4100



45.7084, 45.1631, 53.8330

Triad

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



44.5158, 45.1631, 57.4100



44.5232, 45.1631, 41.7784



39.8545, 45.1631, 49.1630

Complementary

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



44.5158, 45.1631, 57.4100



48.4644, 52.7062, 49.2162

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.



40.2592, 45.1631, 44.7936



44.5158, 45.1631, 57.4100



42.9304, 45.1631, 40.6989

Square

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



44.5158, 45.1631, 57.4100



45.7128, 45.1631, 44.8131



41.3748, 45.1631, 41.7676



40.2552, 45.1631, 53.8110

Rectangle

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



44.5158, 45.1631, 57.4100



46.1009, 45.1631, 50.7692



41.3748, 45.1631, 41.7676



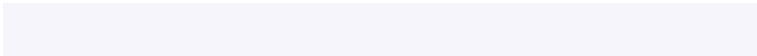
39.9007, 45.1631, 47.6144

Sweetspot

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



44.5171, 45.1650, 57.4110



88.4943, 91.9989, 105.5632



46.2912, 50.0849, 58.2671



19.1266, 19.8182, 23.0672



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.



44.5171, 45.1650, 57.4110



77.5042, 77.7588, 103.3938



46.5634, 46.2199, 57.5068



9.7451, 9.8598, 12.6743



7.1935, 2.9688, 33.7505



0.3742, 0.1610, 1.4612

Inverse Universe

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



47.2661, 46.6333, 55.2274



83.7691, 81.1063, 98.3638



46.4104, 51.6473, 49.1201



10.3927, 10.2057, 12.1585



18.1945, 8.9675, 19.4680



0.8113, 0.3975, 0.9738

Previews

White Background



This preview shows how the XYZ color 44.5158, 45.1631, 57.4100 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 44.5158, 45.1631, 57.4100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

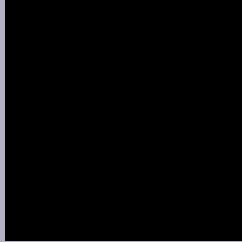
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.5158, 45.1631, 57.4100

Background



This preview shows how black text looks on a background with the XYZ color 44.5158, 45.1631, 57.4100.

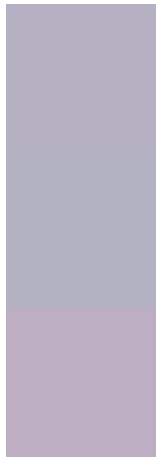


This preview shows how white text looks on a background with the XYZ color 44.5158, 45.1631,

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

44.5158, 45.1631, 57.4100

Protanopia

44.1308, 45.2459, 58.0371

Deuteranopia

45.9726, 45.0311, 57.8986



Tritanopia

44.1822, 45.0296, 55.6532

Trichromacy



Original Color

44.5158, 45.1631, 57.4100

Protanomaly

44.3611, 45.3646, 58.0479

Deuteranomaly

45.4300, 45.0392, 57.9288

Tritanomaly

44.2926, 45.0738, 56.2348

Monochromacy



Original Color

44.5158, 45.1631, 57.4100

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.6994, 45.4463, 52.3677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5158, 45.1631, 57.4100 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(181, 177, 194)` looks like.

```
.text, #text, p{  
  color:rgb(181, 177, 194)  
}
```

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(181, 177, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 177, 194) }
```

Border

The CSS property to change the border of an element to XYZ 44.5158, 45.1631, 57.4100 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(181, 177, 194) }
```


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

```
.border{ border-color:rgb(181, 177, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 177, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 177, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 177, 194);  
box-shadow:4px 4px 4px 4px rgb(181, 177,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5158, 45.1631, 57.4100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 177, 194) }
```

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

```
.background{ background-color: rgb(181,  
177, 194) }
```

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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