

Converting Colors

XYZ(44.3659, 45.0241, 57.9650)

Have a look what the booklet for
XYZ(44.3659, 45.0241, 57.9650)
contains.

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Color

**XYZ(44.3949, 45.0877,
57.9927)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B1C3
RGB	180, 177, 195
RGB Percent	71%, 69%, 76%
CMY	0.2941, 0.3059, 0.2353
CMYK	0.08, 0.09, 0.00, 0.24
HSL	250°, 13%, 73%
HSV	250°, 9%, 76%
XYZ	44.3949, 45.0877, 57.9927
YIQ	179.9490, -3.9900, 6.2340

Conversions

Conversions Part 2

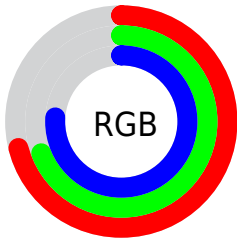
Format	Color
R_{YB}	180, 177, 195
Decimal	11841987
CIE _{Lab}	72.95, 4.54, -8.76
CIE _{LCh}	73, 9.865, 297.401
Yxy	45.0877, 0.3010, 0.3057
Android (android.graphics.Color)	4290032067 (0xFFB4B1C3)
YUV	179.9490, 7.4201, 0.0447
Hunter-Lab	67.1474, 0.5085, -4.2034

Details

The XYZ color **44.3949, 45.0877, 57.9927** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.1907, 53.4122, 49.3141**, and the grayscale version is **43.3192, 45.5751, 49.6313**.

A 20% lighter version of the original color is **81.3017, 83.1390, 103.8578**, and **20.7678, 20.8504, 28.1293** is the 20% darker color. If you saturate the color by 10%, you get **37.2511, 36.0909, 56.6334**, and if you desaturate by 10%, it is **52.5354, 55.4177, 59.5582**.

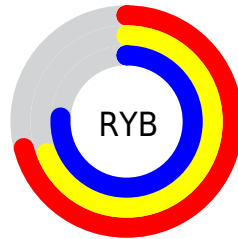
Distribution



Red (71%)

Green (69%)

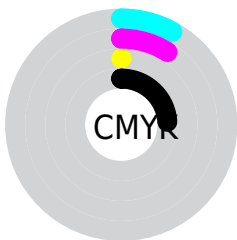
Blue (76%)



Red (71%)

Yellow (69%)

Blue (76%)

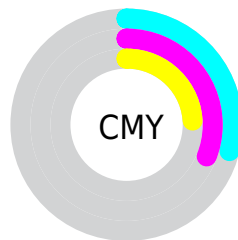


Cyan (8%)

Magenta (9%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (31%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3949, 45.0877, 57.9927 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 44.3949, 45.0877, 57.9927 by changing the saturation by 10% instead.

■ 44.3949, 45.0877,
57.9927

■ 44.3949, 45.0877,
57.9927

355.1424,
367.1286, 434.7562

■ 31.1803, 31.5265,
41.3881

■ 81.0543, 82.8520,
103.4269

■ 20.8887, 21.0001,
28.3005

105.2299,
107.8239, 133.0936

■ 13.1547, 13.1241,
18.3113

133.7898,
137.3682, 167.9514

■ 7.6129, 7.5140,
11.0020

167.0994,
171.8692, 208.4189

■ 3.8980, 3.7856,
5.9540

205.5242,
211.7113, 254.9146

■ 1.6446, 1.5544,
2.7488

249.4293,

■ 0.4212, 0.3265,

257.2790, 307.8570

0.9678

299.1803,
308.9567, 367.6647

■ 0.0000, 0.0000,
0.0000

■ 44.3949, 45.0877,
57.9927

■ 44.3949, 45.0877,
57.9927

■ 37.2511, 36.0909,
56.6334

■ 52.5354, 55.4177,
59.5582

■ 31.0616, 28.3674,
55.4688

■ 61.7049, 67.1265,
61.3350

■ 25.7866, 21.8610,
54.4909

■ 71.9393, 80.2643,
63.3314

■ 21.3821, 16.5090,
53.6901

■ 83.2701, 94.8745,
65.5543

■ 17.8003, 12.2432,
53.0555

■ 86.8505, 96.7202,
65.7218

■ 14.9889, 8.9881,
52.5753

■ 12.8891, 6.6584,
52.2363

■ 11.4334, 5.1544,
52.0228

■ 10.5177, 4.3084,
51.9077

Harmonies

Analogous

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



42.7047, 45.0877, 59.1775



44.3949, 45.0877, 57.9927



45.7020, 45.0877, 54.3755

Triad

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



44.3949, 45.0877, 57.9927



44.6614, 45.0877, 41.5366



39.6343, 45.0877, 48.6645

Complementary

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



44.3949, 45.0877, 57.9927



49.1907, 53.4122, 49.3141

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.



40.1278, 45.0877, 44.1639



44.3949, 45.0877, 57.9927



43.0047, 45.0877, 40.2244

Square

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



44.3949, 45.0877, 57.9927



45.8588, 45.0877, 44.8609



41.3502, 45.0877, 41.1535



39.9844, 45.0877, 53.5829

Rectangle

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



44.3949, 45.0877, 57.9927



46.1644, 45.0877, 51.1883



41.3502, 45.0877, 41.1535



39.7067, 45.0877, 47.0553

Sweetspot

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



44.3962, 45.0896, 57.9937



88.3116, 91.9048, 105.5547



46.8988, 51.1196, 59.0257



19.0763, 19.7923, 23.0648



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.



44.3962, 45.0896, 57.9937



76.8919, 77.4431, 103.3652



46.4859, 46.1669, 58.0915



9.6812, 9.8268, 12.6713



6.8478, 2.7906, 33.7343



0.3457, 0.1463, 1.4599

Inverse Universe

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



47.7437, 46.8541, 56.3986



84.0630, 81.2238, 99.9114



47.0522, 52.3097, 49.2140



10.4229, 10.2178, 12.3176



18.9230, 9.2589, 23.3042



0.8372, 0.4079, 1.1100

Previews

White Background



This preview shows how the XYZ color 44.3949, 45.0877, 57.9927 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 44.3949, 45.0877, 57.9927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

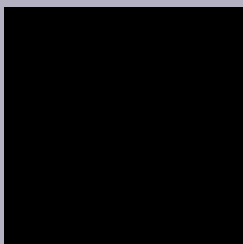
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

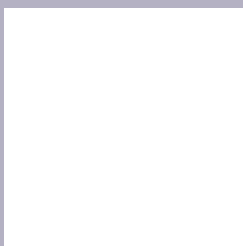
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.3949, 45.0877, 57.9927

Background



This preview shows how black text looks on a background with the XYZ color 44.3949, 45.0877, 57.9927.



This preview shows how white text looks on a background with the XYZ color 44.3949, 45.0877,

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

44.3949, 45.0877, 57.9927

Protanopia

43.9022, 45.1280, 58.0264

Deuteranopia

46.0861, 45.0764, 58.4962



Tritanopia

44.0252, 45.2303, 56.2791

Trichromacy



Original Color

44.3949, 45.0877, 57.9927

Protanomaly

44.1308, 45.2459, 58.0371

Deuteranomaly

45.5435, 45.0846, 58.5263

Tritanomaly

44.1364, 45.2748, 56.8647

Monochromacy



Original Color

44.3949, 45.0877, 57.9927

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 44.3949, 45.0877, 57.9927 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(180, 177, 195)` looks like.

```
.text, #text, p{  
    color:rgb(180, 177, 195)  
}
```

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(180, 177, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 177, 195) }
```

Border

The CSS property to change the border of an element to XYZ 44.3949, 45.0877, 57.9927 is called "border". The border property can be set on classes, ids or directly on the HTML element.

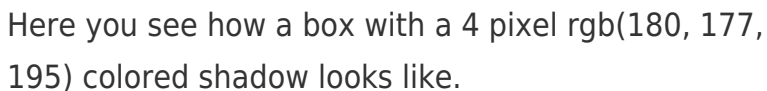
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 177, 195) }
```


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

```
.border{ border-color:rgb(180, 177, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(180, 177, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 177, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 177, 195);  
box-shadow:4px 4px 4px 4px rgb(180, 177,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3949, 45.0877, 57.9927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 177, 195) }
```

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

```
.background{ background-color: rgb(180,  
177, 195) }
```

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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