

Converting Colors

XYZ(45.0578, 46.4083, 62.9782)

Have a look what the booklet for
XYZ(45.0578, 46.4083, 62.9782)
contains.

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Color

**XYZ(45.2079, 46.5897,
63.1099)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B5CB
RGB	176, 181, 203
RGB Percent	69%, 71%, 80%
CMY	0.3098, 0.2902, 0.2039
CMYK	0.13, 0.11, 0.00, 0.20
HSL	229°, 21%, 74%
HSV	229°, 13%, 80%
XYZ	45.2079, 46.5897, 63.1099
YIQ	182.0130, -10.0420, 5.7820

Conversions

Conversions Part 2

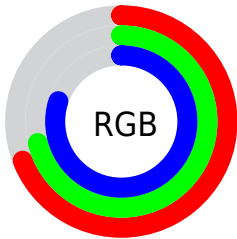
Format	Color
RYB	176, 180, 203
Decimal	11580875
CIELab	73.93, 2.68, -11.71
CIElCh	74, 12.011, 282.905
Yxy	46.5897, 0.2918, 0.3008
Android (android.graphics.Color)	4289770955 (0xFFB0B5CB)
YUV	182.0130, 10.3466, -5.2734
Hunter-Lab	68.2566, -1.2246, -7.0397

Details

The XYZ color **45.2079, 46.5897, 63.1099** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6594, 56.2190, 49.1512**, and the grayscale version is **44.4210, 46.7344, 50.8938**.

A 20% lighter version of the original color is **81.6129, 84.9442, 106.7021**, and **21.3124, 21.8192, 31.5220** is the 20% darker color. If you saturate the color by 10%, you get **37.7912, 38.0678, 61.8566**, and if you desaturate by 10%, it is **53.7131, 56.2678, 64.5304**.

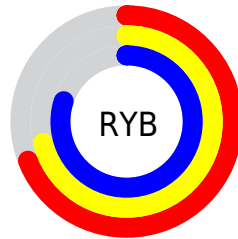
Distribution



Red (69%)

Green (71%)

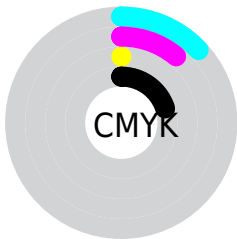
Blue (80%)



Red (69%)

Yellow (71%)

Blue (80%)

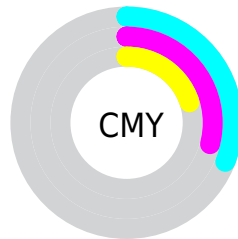


Cyan (13%)

Magenta (11%)

Yellow (0%)

Black (20%)



Cyan (31%)

Magenta (29%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.2079, 46.5897, 63.1099 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 45.2079, 46.5897, 63.1099 by changing the saturation by 10% instead.

■ 45.2079, 46.5897,
63.1099

■ 45.2079, 46.5897,
63.1099

358.3845,
373.1744, 454.0871

■ 31.8232, 32.7114,
45.4886

■ 82.2674, 85.1008,
110.9152

■ 21.3814, 21.9055,
31.4967

106.6730,
110.5025, 141.9361

■ 13.5171, 13.7875,
20.7157

135.4829,
140.5141, 178.2608

■ 7.8650, 7.9730,
12.7271

169.0624,
175.5199, 220.3075

■ 4.0598, 4.0777,
7.1124

207.7770,
215.9045, 268.4950

■ 1.7360, 1.7171,
3.4530

251.9919,

■ 0.4787, 0.4347,

262.0522, 323.2418

1.3303

302.0726,
314.3473, 384.9663

■ 0.0000, 0.0000,
0.0865

■ 0.0000, 0.0000,
0.0000

■ 45.2079, 46.5897,
63.1099

■ 45.2079, 46.5897,
63.1099

■ 37.7912, 38.0678,
61.8566

■ 53.7131, 56.2678,
64.5304

■ 31.4144, 30.6528,
60.7615

■ 63.3442, 67.1375,
66.1209

■ 26.0316, 24.3004,
59.8191

■ 74.1421, 79.2396,
67.8877

■ 21.5918, 18.9610,
59.0225

■ 85.3295, 92.1915,
69.7980

■ 18.0391, 14.5810,
58.3643

■ 87.7796, 97.0919,
70.6148

■ 15.3117, 11.1016,
57.8365

■ 13.3396, 8.4574,
57.4300

■ 12.0401, 6.5730,
57.1348

■ 11.4604, 5.6733,
56.9917

Harmonies

Analogous

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



43.0830, 46.5897, 62.8522



45.2079, 46.5897, 63.1099



47.1442, 46.5897, 59.8634

Triad

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



45.2079, 46.5897, 63.1099



47.3664, 46.5897, 43.1178



40.4627, 46.5897, 47.3409

Complementary

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



45.2079, 46.5897, 63.1099



52.6594, 56.2190, 49.1512

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.



41.5383, 46.5897, 42.5732



45.2079, 46.5897, 63.1099



45.5033, 46.5897, 40.2732

Square

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



45.2079, 46.5897, 63.1099



48.4172, 46.5897, 48.1404



43.3691, 46.5897, 40.0822



40.3894, 46.5897, 53.4072

Rectangle

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



45.2079, 46.5897, 63.1099



48.0490, 46.5897, 56.2898



43.3691, 46.5897, 40.0822



40.7174, 46.5897, 45.5457

Sweetspot

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



45.2093, 46.5916, 63.1109



88.8024, 92.9285, 107.8643



49.4083, 56.0016, 61.3906



18.7633, 19.6137, 23.0468



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.



45.2093, 46.5916, 63.1109



71.8973, 73.6610, 105.0363



46.0969, 45.5662, 62.8662



10.7671, 11.1747, 14.1598



7.3424, 3.7089, 36.2852



0.4308, 0.2954, 1.8893

Inverse Universe

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



48.4956, 47.0845, 50.2505



78.4898, 74.7155, 79.2228



51.6731, 57.4361, 49.4381



11.2958, 11.2471, 12.0924



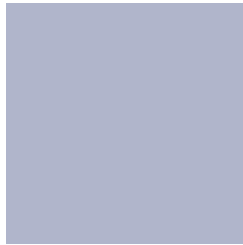
15.9170, 8.1774, 2.0158



0.8474, 0.4324, 0.2423

Previews

White Background



This preview shows how the XYZ color 45.2079, 46.5897, 63.1099 looks on a white background.

Color Contrast Check

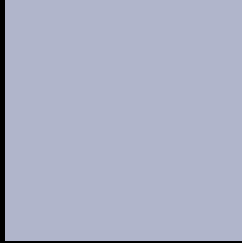
Large Text (above 18pt) WCAG AA × Fail

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 45.2079, 46.5897, 63.1099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

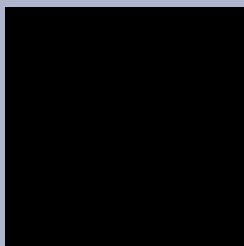
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

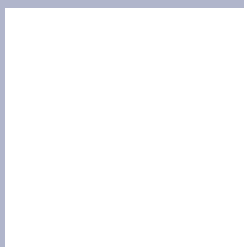
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.2079, 46.5897, 63.1099

Background



This preview shows how black text looks on a background with the XYZ color 45.2079, 46.5897, 63.1099.



This preview shows how white text looks on a background with the XYZ color 45.2079, 46.5897,

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

45.2079, 46.5897, 63.1099

Protanopia

45.6912, 46.5380, 63.0745

Deuteranopia

47.6075, 46.6227, 63.6166



Tritanopia

44.4852, 46.6011, 59.4736

Trichromacy



Original Color

45.2079, 46.5897, 63.1099

Protanomaly

45.4608, 46.4193, 63.0637

Deuteranomaly

46.5866, 46.3908, 63.6257

Tritanomaly

44.7159, 46.6934, 60.6888

Monochromacy



Original Color

45.2079, 46.5897, 63.1099

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.8446, 46.8769, 55.3998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2079, 46.5897, 63.1099 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(176, 181, 203)` looks like.

```
.text, #text, p{  
    color:rgb(176, 181, 203)  
}
```

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(176, 181, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 181, 203) }
```

Border

The CSS property to change the border of an element to XYZ 45.2079, 46.5897, 63.1099 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(176, 181, 203) }
```


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

```
.border{ border-color:rgb(176, 181, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 181, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 181, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 181, 203);  
box-shadow:4px 4px 4px 4px rgb(176, 181,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2079, 46.5897, 63.1099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 181, 203) }
```

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

```
.background{ background-color: rgb(176,  
181, 203) }
```

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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