

Converting Colors

XYZ(45.0832, 46.5703, 58.0558)

Have a look what the booklet for
XYZ(45.0832, 46.5703, 58.0558)
contains.

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Color

**XYZ(45.1966, 46.6912,
58.2599)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B5C3
RGB	180, 181, 195
RGB Percent	71%, 71%, 76%
CMY	0.2941, 0.2902, 0.2353
CMYK	0.08, 0.07, 0.00, 0.24
HSL	236°, 11%, 74%
HSV	236°, 8%, 76%
XYZ	45.1966, 46.6912, 58.2599
YIQ	182.2970, -5.0900, 4.1420

Conversions

Conversions Part 2

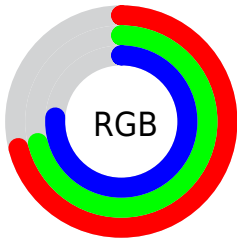
Format	Color
R_{YB}	180, 181, 195
Decimal	11843011
CIE Lab	73.99, 2.37, -7.21
CIE LCh	74, 7.589, 288.189
Yxy	46.6912, 0.3010, 0.3110
Android (android.graphics.Color)	4290033091 (0xFFB4B5C3)
YUV	182.2970, 6.2626, -2.0145
Hunter-Lab	68.3310, -1.5127, -2.7198

Details

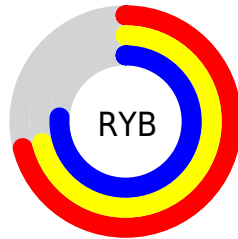
The XYZ color **45.1966, 46.6912, 58.2599** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.0358, 53.4805, 50.8665**, and the grayscale version is **44.5953, 46.9178, 51.0934**.

A 20% lighter version of the original color is **82.4469, 85.4295, 104.2396**, and **21.2793, 21.8735, 28.2998** is the 20% darker color. If you saturate the color by 10%, you get **37.5112, 37.5917, 56.9093**, and if you desaturate by 10%, it is **54.0067, 57.0904, 59.8035**.

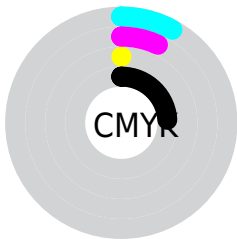
Distribution



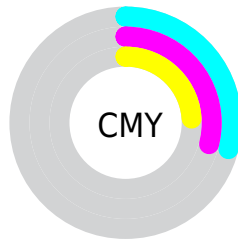
- Red (71%)
- Green (71%)
- Blue (76%)



- Red (71%)
- Yellow (71%)
- Blue (76%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (24%)



- Cyan (29%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.1966, 46.6912, 58.2599 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 45.1966, 46.6912, 58.2599 by changing the saturation by 10% instead.

■ 45.1966, 46.6912,
58.2599

■ 45.1966, 46.6912,
58.2599

358.3395,
373.5806, 435.7790

■ 31.8142, 32.7916,
41.6015

■ 82.2506, 85.2525,
103.8198

■ 21.3745, 21.9668,
28.4662

106.6530,
110.6830, 133.5583

■ 13.5121, 13.8325,
18.4353

135.4594,
140.7259, 168.4941

■ 7.8615, 8.0043,
11.0903

169.0352,
175.7656, 209.0455

■ 4.0575, 4.0977,
6.0127

207.7457,
216.1866, 255.6311

■ 1.7347, 1.7284,
2.7839

251.9564,

■ 0.4779, 0.4419,

262.3731, 308.6696

0.9854

302.0326,
314.7096, 368.5793

■ 0.0000, 0.0000,
0.0000

■ 45.1966, 46.6912,
58.2599

■ 45.1966, 46.6912,
58.2599

■ 37.5112, 37.5917,
56.9093

■ 54.0067, 57.0904,
59.8035

■ 30.9013, 29.7352,
55.7412

■ 63.9798, 68.8314,
61.5441

■ 25.3200, 23.0694,
54.7488

■ 75.1578, 81.9617,
63.4894

■ 20.7157, 17.5362,
53.9234

■ 86.4658, 95.9509,
65.5936

■ 17.0319, 13.0725,
53.2560

■ 86.8505, 96.7202,
65.7218

■ 14.2065, 9.6091,
52.7364

■ 12.1698, 7.0686,
52.3534

■ 10.8410, 5.3620,
52.0940

■ 10.1109, 4.3775,
51.9425

Harmonies

Analogous

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



43.8476, 46.6912, 58.4954



45.1966, 46.6912, 58.2599



46.3484, 46.6912, 55.9757

Triad

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



45.1966, 46.6912, 58.2599



46.1378, 46.6912, 45.4791



41.8776, 46.6912, 49.3272

Complementary

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



45.1966, 46.6912, 58.2599



50.0358, 53.4805, 50.8665

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.



42.4654, 46.6912, 46.0261



45.1966, 46.6912, 58.2599



44.9139, 46.6912, 43.8812

Square

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



45.1966, 46.6912, 58.2599



46.8993, 46.6912, 48.5457



43.5705, 46.6912, 44.0762



41.9498, 46.6912, 53.2030

Rectangle

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



45.1966, 46.6912, 58.2599



46.8409, 46.6912, 53.6610



43.5705, 46.6912, 44.0762



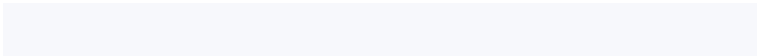
42.0041, 46.6912, 48.1173

Sweetspot

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



45.1980, 46.6932, 58.2609



89.6285, 93.8781, 105.8661



48.0478, 52.6181, 58.5165



19.6625, 20.5993, 23.1897



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.



45.1980, 46.6932, 58.2609



78.8340, 81.1261, 103.9737



46.4829, 47.0540, 58.2628



9.5812, 9.8537, 12.6818



6.5189, 2.7943, 33.7524



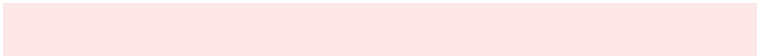
0.3007, 0.1588, 1.4647

Inverse Universe

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



47.1685, 47.5818, 50.4165



82.9886, 83.0063, 87.4332



48.6784, 53.1131, 50.8671



10.0999, 10.0886, 10.6166



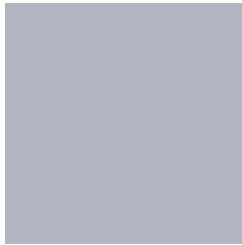
14.6864, 7.5643, 0.9948



0.6442, 0.3307, 0.0935

Previews

White Background



This preview shows how the XYZ color 45.1966, 46.6912, 58.2599 looks on a white background.

Color Contrast Check

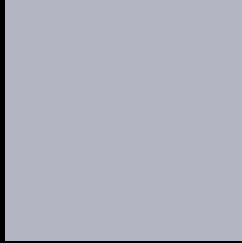
Large Text (above 18pt) WCAG AA × Fail

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 45.1966, 46.6912, 58.2599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

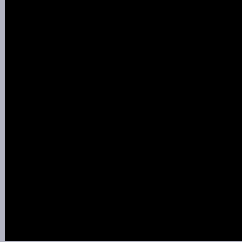
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.1966, 46.6912, 58.2599

Background



This preview shows how black text looks on a background with the XYZ color 45.1966, 46.6912, 58.2599.

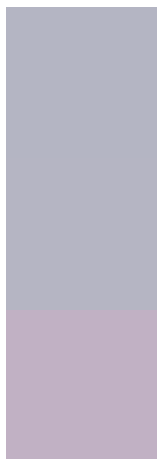


This preview shows how white text looks on a background with the XYZ color 45.1966, 46.6912,

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

45.1966, 46.6912, 58.2599

Protanopia

45.4303, 46.8116, 58.2709

Deuteranopia

47.6783, 46.7673, 58.7386



Tritanopia

45.1966, 46.6912, 58.2599

Trichromacy



Original Color

45.1966, 46.6912, 58.2599

Protanomaly

45.4303, 46.8116, 58.2709

Deuteranomaly

46.6232, 46.5177, 58.7461

Tritanomaly

45.1966, 46.6912, 58.2599

Monochromacy



Original Color

45.1966, 46.6912, 58.2599

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.7536, 46.8675, 53.7013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1966, 46.6912, 58.2599 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, 181, 195)` looks like.

```
.text, #text, p{  
    color:rgb(180, 181, 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, 181, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 181, 195) }
```

Border

The CSS property to change the border of an element to XYZ 45.1966, 46.6912, 58.2599 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, 181, 195) }
```


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

```
.border{ border-color:rgb(180, 181, 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, 181, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 181, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 181, 195);  
box-shadow:4px 4px 4px 4px rgb(180, 181,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1966, 46.6912, 58.2599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 181, 195) }
```

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

```
.background{ background-color: rgb(180,  
181, 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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