

Converting Colors

XYZ(46.7488, 49.9532, 57.4122)

Have a look what the booklet for
XYZ(46.7488, 49.9532, 57.4122)
contains.

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Color

**XYZ(46.8793, 50.0692,
57.6456)**

Conversions

Conversions Part 1

Format	Color
Hex	B5BDC1
RGB	181, 189, 193
RGB Percent	71%, 74%, 76%
CMY	0.2902, 0.2588, 0.2431
CMYK	0.06, 0.02, 0.00, 0.24
HSL	200°, 9%, 73%
HSV	200°, 6%, 76%
XYZ	46.8793, 50.0692, 57.6456
YIQ	187.0640, -6.0520, -0.4520

Conversions

Conversions Part 2

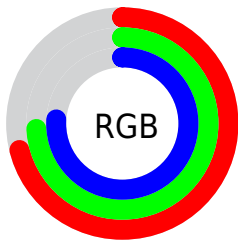
Format	Color
R _Y B	181, 186, 193
Decimal	11910593
CIE Lab	76.11, -1.98, -2.98
CIE LCh	76, 3.582, 236.357
Yxy	50.0692, 0.3032, 0.3239
Android (android.graphics.Color)	4290100673 (0xFFB5BDC1)
YUV	187.0640, 2.9264, -5.3181
Hunter-Lab	70.7596, -5.5703, 1.2300

Details

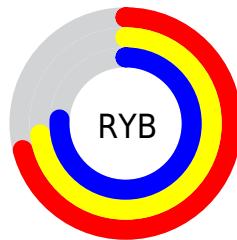
The XYZ color **46.8793, 50.0692, 57.6456** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.6820, 49.3712, 50.7334**, and the grayscale version is **47.2578, 49.7189, 54.1439**.

A 20% lighter version of the original color is **84.6763, 90.1489, 102.5601**, and **22.4399, 24.0910, 28.2783** is the 20% darker color. If you saturate the color by 10%, you get **41.3116, 45.1927, 56.9986**, and if you desaturate by 10%, it is **53.1381, 55.3958, 58.3446**.

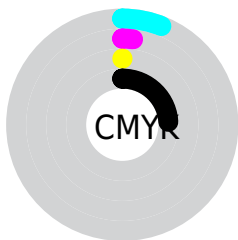
Distribution



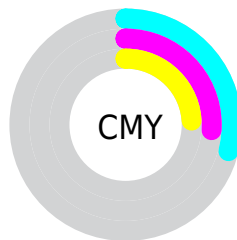
- Red (71%)
- Green (74%)
- Blue (76%)



- Red (71%)
- Yellow (73%)
- Blue (76%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)



- Cyan (29%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.8793, 50.0692, 57.6456 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 46.8793, 50.0692, 57.6456 by changing the saturation by 10% instead.

■ 46.8793, 50.0692,
57.6456

■ 46.8793, 50.0692,
57.6456

364.9895,
386.9365, 433.4254

■ 33.1478, 35.4684,
41.1110

■ 84.7533, 90.2774,
102.9163

■ 22.3995, 24.0239,
28.0855

109.6264,
116.6536, 132.4894

■ 14.2690, 15.3514,
18.1505

138.9442,
147.7237, 167.2458

■ 8.3909, 9.0663,
10.8875

173.0719,
183.8720, 207.6039

■ 4.4000, 4.7845,
5.8780

212.3750,
225.4831, 253.9825

■ 1.9308, 2.1214,
2.7035

257.2187,

■ 0.5947, 0.6766,

272.9413, 306.7998

0.9452

307.9684,
326.6310, 366.4746

■ 0.0000, 0.0000,
0.0000

■ 46.8793, 50.0692,
57.6456

■ 46.8793, 50.0692,
57.6456

■ 41.3116, 45.1927,
56.9986

■ 53.1381, 55.3958,
58.3446

■ 36.4043, 40.7450,
56.3987

■ 60.1087, 61.1801,
59.0937

■ 32.1306, 36.7127,
55.8456

■ 67.8160, 67.4374,
59.8953

■ 28.4603, 33.0789,
55.3377

■ 75.0947, 73.5682,
60.6950

■ 25.3604, 29.8253,
54.8731

■ 76.7612, 76.9012,
61.2505

■ 22.7946, 26.9320,
54.4498

■ 78.4928, 80.3643,
61.8277

■ 20.7219, 24.3765,
54.0658

■ 80.2900, 83.9587,
62.4268

■ 19.0949, 22.1332,
53.7186

■ 82.1537, 87.6861,
63.0480

■ 17.8532, 20.1694,
53.4050

■ 84.0844, 91.5476,
63.6916

Harmonies

Analogous

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



46.4445, 50.0692, 56.1709



46.8793, 50.0692, 57.6456



47.5075, 50.0692, 58.2814

Triad

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



46.8793, 50.0692, 57.6456



48.8862, 50.0692, 54.7515



47.0198, 50.0692, 51.2781

Complementary

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



46.8793, 50.0692, 57.6456



47.6820, 49.3712, 50.7334

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.



47.6712, 50.0692, 50.9180



46.8793, 50.0692, 57.6456



48.7527, 50.0692, 52.8956

Square

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



46.8793, 50.0692, 57.6456



48.6696, 50.0692, 56.5860



48.3064, 50.0692, 51.5034



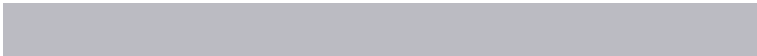
46.5251, 50.0692, 52.4988

Rectangle

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



46.8793, 50.0692, 57.6456



47.9529, 50.0692, 58.1332



48.3064, 50.0692, 51.5034



47.2275, 50.0692, 51.0536

Sweetspot

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



46.8807, 50.0713, 57.6467



88.5014, 93.5702, 103.7566



46.8627, 51.4589, 53.2518



19.0109, 20.0948, 22.2620



92.9021, 97.7402, 106.4391



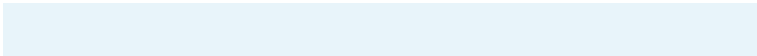
19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.8807, 50.0713, 57.6467



83.0234, 88.8653, 103.1372



45.6573, 47.6244, 57.2389



10.3181, 11.0544, 12.8747



11.6744, 13.1053, 35.4709



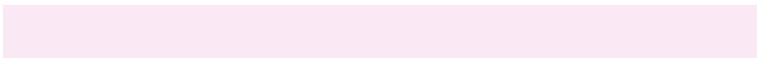
0.5656, 0.6886, 1.5530

Inverse Universe

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



47.7026, 48.0603, 54.9090



84.7001, 84.7843, 97.5471



48.9208, 51.8489, 51.1463



10.5385, 10.5192, 12.1396



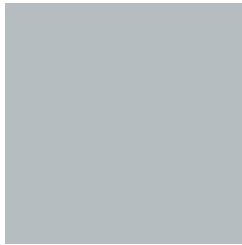
17.2887, 8.6052, 14.6981



0.7779, 0.3842, 0.7977

Previews

White Background



This preview shows how the XYZ color 46.8793, 50.0692, 57.6456 looks on a white background.

Color Contrast Check

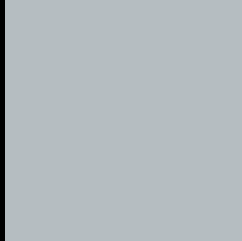
Large Text (above 18pt) WCAG AA × Fail

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 46.8793, 50.0692, 57.6456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

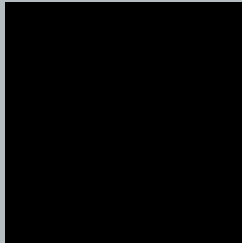
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.8793, 50.0692, 57.6456

Background



This preview shows how black text looks on a background with the XYZ color 46.8793, 50.0692, 57.6456.



This preview shows how white text looks on a background with the XYZ color 46.8793, 50.0692,

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

46.8793, 50.0692, 57.6456

Protanopia

48.5200, 50.2936, 57.0195

Deuteranopia

50.8227, 49.9075, 57.9934



Tritanopia

48.1723, 50.2980, 63.0466

Trichromacy



Original Color

46.8793, 50.0692, 57.6456

Protanomaly

47.9912, 50.3370, 57.0558

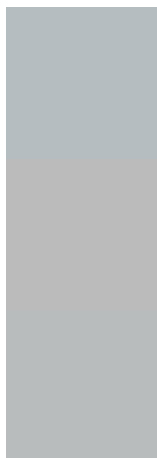
Deuteranomaly

49.3347, 50.0623, 58.1017

Tritanomaly

47.5834, 50.0350, 61.1826

Monochromacy



Original Color

46.8793, 50.0692, 57.6456

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.1761, 49.9549, 55.2999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.8793, 50.0692, 57.6456 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, 189, 193)` looks like.

```
.text, #text, p{  
    color:rgb(181, 189, 193)  
}
```

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, 189, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 189, 193) }
```

Border

The CSS property to change the border of an element to XYZ 46.8793, 50.0692, 57.6456 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, 189, 193) }
```


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

```
.border{ border-color:rgb(181, 189, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 189, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 189, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 189, 193);  
box-shadow:4px 4px 4px 4px rgb(181, 189,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 46.8793, 50.0692, 57.6456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 189, 193) }
```

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

```
.background{ background-color: rgb(181,  
189, 193) }
```

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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