

Converting Colors

XYZ(47.4752, 49.9925, 59.9290)

Have a look what the booklet for
XYZ(47.4752, 49.9925, 59.9290)
contains.

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Color

**XYZ(47.5897, 50.0649,
59.9786)**

Conversions

Conversions Part 1

Format	Color
Hex	B7BCC5
RGB	183, 188, 197
RGB Percent	72%, 74%, 77%
CMY	0.2823, 0.2627, 0.2274
CMYK	0.07, 0.05, 0.00, 0.23
HSL	219°, 11%, 75%
HSV	219°, 7%, 77%
XYZ	47.5897, 50.0649, 59.9786
YIQ	187.5310, -5.8690, 1.7390

Conversions

Conversions Part 2

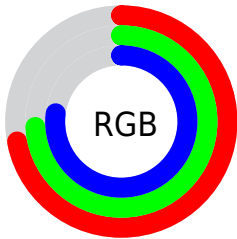
Format	Color
R _Y B	183, 187, 197
Decimal	12041413
CIE Lab	76.11, 0.01, -5.14
CIE LCh	76, 5.140, 270.140
Yxy	50.0649, 0.3019, 0.3176
Android (android.graphics.Color)	4290231493 (0xFFB7BCC5)
YUV	187.5310, 4.6682, -3.9737
Hunter-Lab	70.7566, -3.7678, -0.7291

Details

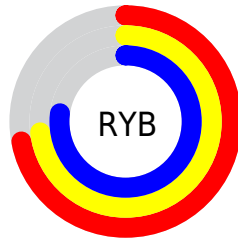
The XYZ color **47.5897, 50.0649, 59.9786** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4231, 52.9882, 52.3708**, and the grayscale version is **47.5121, 49.9864, 54.4352**.

A 20% lighter version of the original color is **85.8367, 90.2078, 106.6537**, and **22.8278, 24.0569, 29.4269** is the 20% darker color. If you saturate the color by 10%, you get **40.6412, 42.6436, 58.9131**, and if you desaturate by 10%, it is **55.4342, 58.3031, 61.1561**.

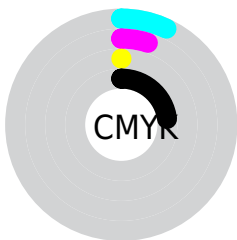
Distribution



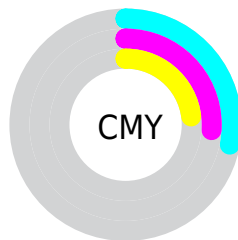
- Red (72%)
- Green (74%)
- Blue (77%)



- Red (72%)
- Yellow (73%)
- Blue (77%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (23%)



- Cyan (28%)
- Magenta (26%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5897, 50.0649, 59.9786 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 47.5897, 50.0649, 59.9786 by changing the saturation by 10% instead.

■ 47.5897, 50.0649,
59.9786

■ 47.5897, 50.0649,
59.9786

367.7732,
386.9197, 442.3213

■ 33.7120, 35.4650,
42.9762

■ 85.8066, 90.2710,
106.3417

■ 22.8343, 24.0213,
29.5352

110.8765,
116.6460, 136.5395

■ 14.5912, 15.3494,
19.2370

140.4078,
147.7148, 171.9728

■ 8.6174, 9.0650,
11.6631

174.7659,
183.8618, 213.0602

■ 4.5476, 4.7836,
6.3950

214.3161,
225.4714, 260.2202

■ 2.0164, 2.1208,
3.0141

259.4238,

■ 0.6431, 0.6763,

272.9280, 313.8714

1.1018

310.4544,
326.6159, 374.4322

■ 0.0000, 0.0000,
0.0000

■ 47.5897, 50.0649,
59.9786

■ 47.5897, 50.0649,
59.9786

■ 40.6412, 42.6436,
58.9131

■ 55.4342, 58.3031,
61.1561

■ 34.5513, 36.0068,
57.9531

■ 64.2018, 67.3767,
62.4453

■ 29.2861, 30.1289,
57.0961

■ 73.9237, 77.3116,
63.8506

■ 24.8077, 24.9809,
56.3384

■ 82.0813, 86.8174,
65.2554

■ 21.0753, 20.5311,
55.6762

■ 85.9113, 94.4775,
66.5321

■ 18.0437, 16.7457,
55.1054

■ 87.0782, 96.8113,
66.9211

■ 15.6628, 13.5874,
54.6212

■ 13.8746, 11.0142,
54.2188

■ 12.6023, 8.9736,
53.8920

Harmonies

Analogous

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



46.6709, 50.0649, 59.2328



47.5897, 50.0649, 59.9786



48.5193, 50.0649, 59.2191

Triad

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



47.5897, 50.0649, 59.9786



49.2015, 50.0649, 51.8973



46.0002, 50.0649, 51.9190

Complementary

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



47.5897, 50.0649, 59.9786



50.4231, 52.9882, 52.3708

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.



46.6632, 50.0649, 50.0615



47.5897, 50.0649, 59.9786



48.5113, 50.0649, 50.0493

Square

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



47.5897, 50.0649, 59.9786



49.4575, 50.0649, 54.4992



47.5807, 50.0649, 49.3884



45.7608, 50.0649, 54.5251

Rectangle

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



47.5897, 50.0649, 59.9786



49.0181, 50.0649, 57.9756



47.5807, 50.0649, 49.3884



46.1805, 50.0649, 51.1895

Sweetspot

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



47.5912, 50.0670, 59.9797



92.1618, 96.9721, 108.4678



48.9952, 53.8005, 57.5948



19.7567, 20.7878, 23.2211



0.0000, 0.0000, 0.0000



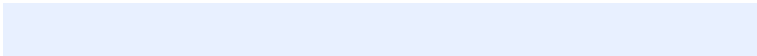
20.3446, 21.4041, 23.3091

Same Dimension

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



47.5912, 50.0670, 59.9797



82.5790, 86.8522, 107.0195



46.9878, 48.1968, 59.6505



10.3617, 10.8974, 13.4748



8.1579, 5.7098, 35.4165



0.4547, 0.4072, 1.6998

Inverse Universe

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



49.0377, 49.3692, 54.5240



85.8762, 85.3076, 94.5735



51.0545, 54.9721, 52.7205



10.7878, 10.6985, 11.8660



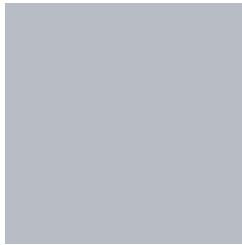
15.9171, 8.1164, 4.7732



0.7882, 0.3981, 0.4079

Previews

White Background



This preview shows how the XYZ color 47.5897, 50.0649, 59.9786 looks on a white background.

Color Contrast Check

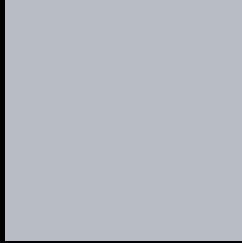
Large Text (above 18pt) WCAG AA × Fail

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 47.5897, 50.0649, 59.9786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

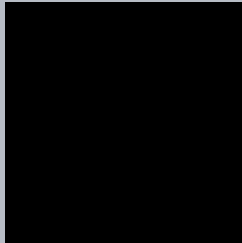
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

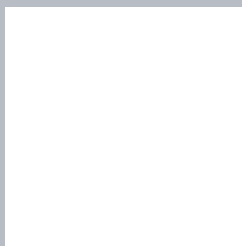
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.5897, 50.0649, 59.9786

Background



This preview shows how black text looks on a background with the XYZ color 47.5897, 50.0649, 59.9786.



This preview shows how white text looks on a background with the XYZ color 47.5897, 50.0649,

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

47.5897, 50.0649, 59.9786

Protanopia

48.2617, 49.7947, 59.2922

Deuteranopia

51.0084, 49.9506, 60.3791



Tritanopia

48.1982, 49.9953, 62.9869

Trichromacy



Original Color

47.5897, 50.0649, 59.9786

Protanomaly

47.9838, 49.9653, 59.3398

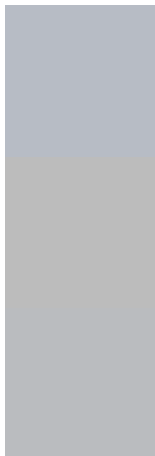
Deuteranomaly

49.5817, 49.8275, 60.4305

Tritanomaly

47.9628, 49.9011, 61.7476

Monochromacy



Original Color

47.5897, 50.0649, 59.9786

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.6369, 50.1671, 56.4627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5897, 50.0649, 59.9786 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(183, 188, 197) looks like.

```
.text, #text, p{  
    color:rgb(183, 188, 197)  
}
```

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(183, 188, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 188, 197) }
```

Border

The CSS property to change the border of an element to XYZ 47.5897, 50.0649, 59.9786 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(183, 188, 197) }
```


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

```
.border{ border-color:rgb(183, 188, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 188, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 188, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 188, 197);  
box-shadow:4px 4px 4px 4px rgb(183, 188,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5897, 50.0649, 59.9786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 188, 197) }
```

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

```
.background{ background-color: rgb(183,  
188, 197) }
```

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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