

Converting Colors

XYZ(47.9769, 54.1192, 67.1937)

Have a look what the booklet for
XYZ(47.9769, 54.1192, 67.1937)
contains.

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Color

**XYZ(47.8531, 54.0290,
66.9380)**

Conversions

Conversions Part 1

Format	Color
Hex	A7C8CF
RGB	167, 200, 207
RGB Percent	65%, 78%, 81%
CMY	0.3451, 0.2157, 0.1882
CMYK	0.19, 0.03, 0.00, 0.19
HSL	190°, 29%, 73%
HSV	190°, 19%, 81%
XYZ	47.8531, 54.0290, 66.9380
YIQ	190.9310, -21.9150, -4.8190

Conversions

Conversions Part 2

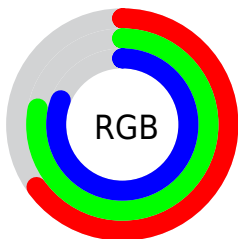
Format	Color
RYB	167, 185, 207
Decimal	10995919
CIELab	78.48, -9.47, -7.17
CIELCh	78, 11.875, 217.112
Yxy	54.0290, 0.2835, 0.3200
Android (android.graphics.Color)	4289185999 (0xFFA7C8CF)
YUV	190.9310, 7.9220, -20.9875
Hunter-Lab	73.5044, -12.4251, -2.5403

Details

The XYZ color **47.8531, 54.0290, 66.9380** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.8437, 46.3276, 42.9808**, and the grayscale version is **49.4472, 52.0223, 56.6522**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **22.9681, 26.4351, 34.0289** is the 20% darker color. If you saturate the color by 10%, you get **42.9969, 50.2966, 66.4744**, and if you desaturate by 10%, it is **53.4323, 58.1665, 67.4434**.

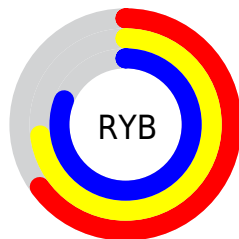
Distribution



Red (65%)

Green (78%)

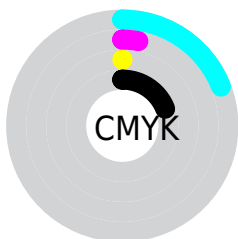
Blue (81%)



Red (65%)

Yellow (73%)

Blue (81%)

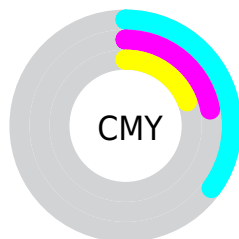


Cyan (19%)

Magenta (3%)

Yellow (0%)

Black (19%)



Cyan (35%)

Magenta (22%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.8531, 54.0290, 66.9380 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 47.8531, 54.0290, 66.9380 by changing the saturation by 10% instead.

■ 47.8531, 54.0290,
66.9380

■ 47.8531, 54.0290,
66.9380

368.8018,
402.2206, 468.2195

■ 33.9213, 38.6248,
48.5730

■ 86.1967, 96.1168,
116.4714

■ 22.9958, 26.4680,
33.9176

■ 111.3392,
123.5693, 148.4768

■ 14.7111, 17.1741,
22.5535

140.9493,
155.8066, 185.8661

■ 8.7018, 10.3587,
14.0620

175.3924,
193.2133, 229.0578

■ 4.6028, 5.6374,
8.0245

215.0339,
236.1736, 278.4704

■ 2.0485, 2.6259,
4.0226

260.2390,

■ 0.6610, 0.9397,

285.0720, 334.5226

1.6378

311.3732,
340.2929, 397.6328

■ 0.0000, 0.0000,
0.3176

■ 0.0000, 0.0000,
0.0000

■ 47.8531, 54.0290,
66.9380

■ 47.8531, 54.0290,
66.9380

■ 42.9969, 50.2966,
66.4744

■ 53.4323, 58.1665,
67.4434

■ 38.8256, 46.9451,
66.0473

■ 59.7610, 62.7186,
67.9885

■ 35.3046, 43.9580,
65.6564

■ 66.8699, 67.7028,
68.5759

■ 32.3947, 41.3147,
65.2995

■ 74.7869, 73.1336,
69.2069

■ 30.0518, 38.9925,
64.9748

■ 77.6026, 75.9650,
69.6050

■ 28.2261, 36.9654,
64.6797

■ 78.5526, 77.8650,
69.9216

■ 26.8588, 35.2028,
64.4116

■ 79.5233, 79.8063,
70.2452

■ 25.8496, 33.6529,
64.1656

■ 80.5147, 81.7892,
70.5757

■ 25.7858, 33.5513,
64.1494

■ 81.5271, 83.8139,
70.9131

Harmonies

Analogous

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



47.0228, 54.0290, 60.4359



47.8531, 54.0290, 66.9380



49.6255, 54.0290, 71.4954

Triad

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



47.8531, 54.0290, 66.9380



55.6039, 54.0290, 63.9755



50.7987, 54.0290, 46.9627

Complementary

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



47.8531, 54.0290, 66.9380



47.8437, 46.3276, 42.9808

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.



53.1200, 54.0290, 47.7536



47.8531, 54.0290, 66.9380



55.9411, 54.0290, 57.2497

Square

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



47.8531, 54.0290, 66.9380



54.1116, 54.0290, 69.6965



55.0194, 54.0290, 51.4018



48.6897, 54.0290, 49.1533

Rectangle

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



47.8531, 54.0290, 66.9380



51.1270, 54.0290, 72.6363



55.0194, 54.0290, 51.4018



51.5796, 54.0290, 46.8916

Sweetspot

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



47.8547, 54.0312, 66.9392



88.7955, 95.5169, 108.3643



45.8577, 55.8851, 48.2453



18.8660, 20.3433, 23.1823



0.0000, 0.0000, 0.0000



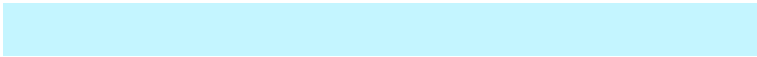
20.3446, 21.4041, 23.3091

Same Dimension

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



47.8547, 54.0312, 66.9392



73.4799, 84.1503, 106.9776



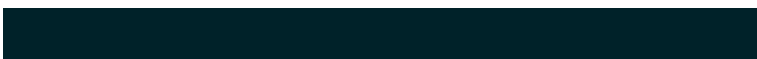
43.5885, 45.4989, 65.5172



11.9751, 13.0405, 15.1296



16.3080, 21.2625, 40.4370



0.9592, 1.2836, 2.2768

Inverse Universe

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



49.9774, 45.0742, 60.7121



77.5007, 67.4746, 95.1174



51.9258, 54.4918, 44.3415



12.2183, 11.9721, 14.4255



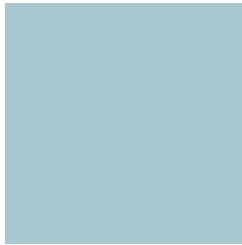
20.8622, 10.2177, 25.2444



1.1904, 0.5809, 1.5374

Previews

White Background



This preview shows how the XYZ color 47.8531, 54.0290, 66.9380 looks on a white background.

Color Contrast Check

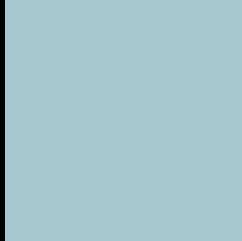
Large Text (above 18pt) WCAG AA × Fail

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 47.8531, 54.0290, 66.9380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

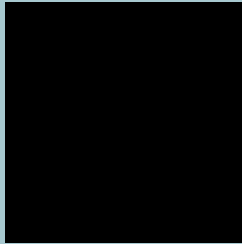
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

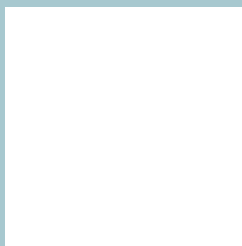
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.8531, 54.0290, 66.9380

Background



This preview shows how black text looks on a background with the XYZ color 47.8531, 54.0290, 66.9380.



This preview shows how white text looks on a background with the XYZ color 47.8531, 54.0290,

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

47.8531, 54.0290, 66.9380

Protanopia

52.3551, 54.0538, 64.1739

Deuteranopia

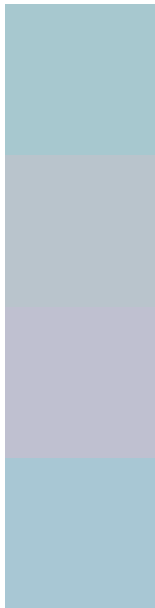
54.6687, 53.5490, 67.7762



Tritanopia

48.8376, 54.0780, 72.1541

Trichromacy



Original Color

47.8531, 54.0290, 66.9380

Protanomaly

50.6466, 54.1538, 64.9101

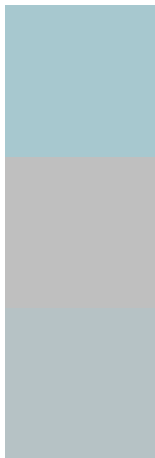
Deuteranomaly

51.7207, 53.3297, 67.2422

Tritanomaly

48.4555, 53.9251, 70.1421

Monochromacy



Original Color

47.8531, 54.0290, 66.9380

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.6612, 52.5599, 60.4037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8531, 54.0290, 66.9380 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(167, 200, 207)` looks like.

```
.text, #text, p{  
    color:rgb(167, 200, 207)  
}
```

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(167, 200, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 200, 207) }
```

Border

The CSS property to change the border of an element to XYZ 47.8531, 54.0290, 66.9380 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(167, 200, 207) }
```


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

```
.border{ border-color:rgb(167, 200, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 200, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 200, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 200, 207);  
box-shadow:4px 4px 4px 4px rgb(167, 200,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8531, 54.0290, 66.9380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 200, 207) }
```

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

```
.background{ background-color: rgb(167,  
200, 207) }
```

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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