

Converting Colors

XYZ(31.2070, 39.4662, 58.1975)

Have a look what the booklet for
XYZ(31.2070, 39.4662, 58.1975)
contains.

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Color

**XYZ(31.2070, 39.4662,
58.1975)**

Conversions

Conversions Part 1

Format	Color
Hex	5FB5C4
RGB	95, 181, 196
RGB Percent	37%, 71%, 77%
CMY	0.6274, 0.2902, 0.2314
CMYK	0.52, 0.08, 0.00, 0.23
HSL	189°, 46%, 57%
HSV	189°, 52%, 77%
XYZ	31.2070, 39.4662, 58.1975
YIQ	156.9960, -56.0710, -13.5670

Conversions

Conversions Part 2

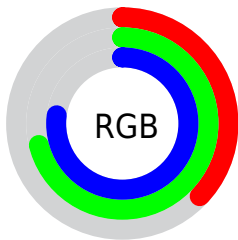
Format	Color
RYB	95, 141, 196
Decimal	6272452
CIELab	69.09, -21.82, -15.61
CIElCh	69, 26.826, 215.576
Yxy	39.4662, 0.2422, 0.3062
Android (android.graphics.Color)	4284462532 (0xFF5FB5C4)
YUV	156.9960, 19.2290, -54.3705
Hunter-Lab	62.8221, -21.2685, -10.9499

Details

The XYZ color **31.2070, 39.4662, 58.1975** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **30.4072, 23.7147, 13.8023**, and the grayscale version is **31.9815, 33.6470, 36.6416**.

A 20% lighter version of the original color is **60.9627, 74.3356, 104.0636**, and **13.1667, 17.6826, 28.3103** is the 20% darker color. If you saturate the color by 10%, you get **28.8361, 37.3754, 57.9196**, and if you desaturate by 10%, it is **34.1049, 41.8488, 58.5054**.

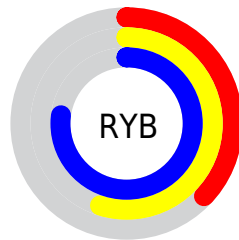
Distribution



Red (37%)

Green (71%)

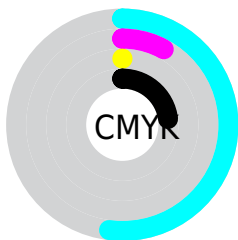
Blue (77%)



Red (37%)

Yellow (55%)

Blue (77%)

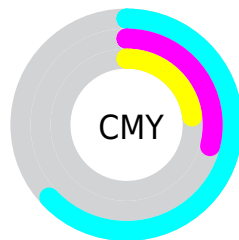


Cyan (52%)

Magenta (8%)

Yellow (0%)

Black (23%)



Cyan (63%)

Magenta (29%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.2070, 39.4662, 58.1975 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 31.2070, 39.4662, 58.1975 by changing the saturation by 10% instead.

■ 31.2070, 39.4662,
58.1975

■ 31.2070, 39.4662,
58.1975

■ 299.3007,
343.8685, 435.5403

■ 20.9091, 27.1226,
41.5517

■ 60.9395, 74.3500,
103.7280

■ 13.1697, 17.6653,
28.4275

■ 81.1047, 97.6589,
133.4498

■ 7.6233, 10.7100,
18.4063

■ 105.2899,
125.3918, 168.3674

■ 3.9046, 5.8722,
11.0696

■ 133.8602,
157.9330, 208.8992

■ 1.6483, 2.7675,
5.9989

■ 167.1811,
195.6668, 255.4639

■ 0.4236, 1.0116,
2.7756

■ 205.6179,

■ 0.0000, 0.0000,

238.9778, 308.4799

0.9813

249.5360,
288.2502, 368.3659

■ 0.0000, 0.0000,
0.0000

■ 31.2070, 39.4662,
58.1975

■ 31.2070, 39.4662,
58.1975

■ 28.8361, 37.3754,
57.9196

■ 34.1049, 41.8488,
58.5054

■ 26.9493, 35.5514,
57.6670

■ 37.5612, 44.5369,
58.8421

■ 25.5028, 33.9727,
57.4385

■ 41.6094, 47.5487,
59.2100

■ 24.4432, 32.6114,
57.2316

■ 46.2789, 50.8995,
59.6107

■ 23.7634, 31.5845,
57.0692

■ 51.5976, 54.6037,
60.0453

■ 57.5911, 58.6747,
60.5152

■ 64.2841, 63.1253,
61.0215

■ 71.6999, 67.9676,
61.5653

■ 73.5650, 69.9676,
61.8531

Harmonies

Analogous

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



29.9011, 39.4662, 45.3035



31.2070, 39.4662, 58.1975



34.2098, 39.4662, 68.2081

Triad

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



31.2070, 39.4662, 58.1975



45.5163, 39.4662, 53.4749



36.7173, 39.4662, 23.5208

Complementary

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



31.2070, 39.4662, 58.1975



30.4072, 23.7147, 13.8023

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.



41.0189, 39.4662, 24.8833



31.2070, 39.4662, 58.1975



46.3146, 39.4662, 40.7219

Square

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



31.2070, 39.4662, 58.1975



42.5069, 39.4662, 65.1385



44.6124, 39.4662, 30.6646



32.9235, 39.4662, 26.5088

Rectangle

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



31.2070, 39.4662, 58.1975



36.8801, 39.4662, 71.0208



44.6124, 39.4662, 30.6646



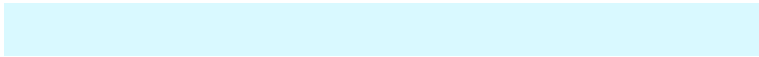
38.1500, 39.4662, 23.4932

Sweetspot

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



31.2082, 39.4677, 58.1984



80.5656, 89.8827, 107.7106



27.1919, 43.0063, 21.1870



16.8556, 18.9598, 23.0212



0.0000, 0.0000, 0.0000



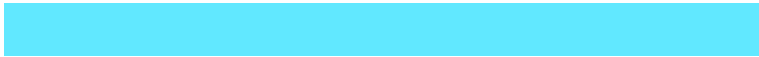
20.3446, 21.4041, 23.3091

Same Dimension

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



31.2082, 39.4677, 58.1984



51.6913, 67.2003, 104.8543



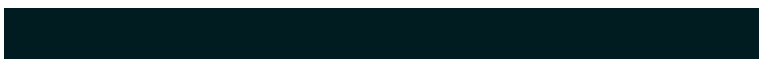
22.9400, 22.9312, 55.4424



10.2370, 11.1653, 12.9004



15.3185, 20.3935, 36.6856



0.6973, 0.9520, 1.5969

Inverse Universe

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



35.1987, 23.2575, 46.3517



60.0031, 35.5900, 79.6954



37.2238, 37.3479, 16.0745



10.4309, 10.2210, 12.3597



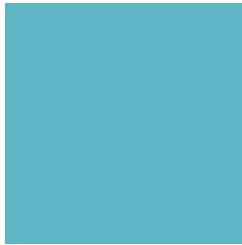
19.1280, 9.3410, 24.3841



0.8443, 0.4107, 1.1477

Previews

White Background



This preview shows how the XYZ color 31.2070, 39.4662, 58.1975 looks on a white background.

Color Contrast Check

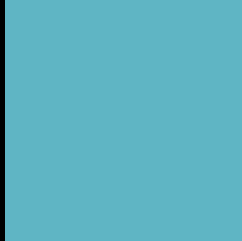
Large Text (above 18pt) WCAG AA × Fail

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 31.2070, 39.4662, 58.1975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

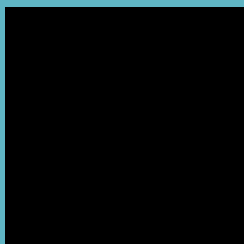
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

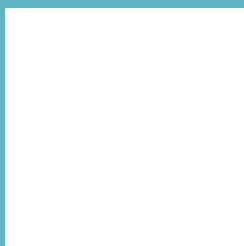
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.2070, 39.4662, 58.1975

Background



This preview shows how black text looks on a background with the XYZ color 31.2070, 39.4662, 58.1975.



This preview shows how white text looks on a background with the XYZ color 31.2070, 39.4662,

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

31.2070, 39.4662, 58.1975

Protanopia

38.1229, 38.8596, 52.5051

Deuteranopia

39.8492, 39.0459, 60.0799



Tritanopia

31.2070, 39.4662, 58.1975

Trichromacy



Original Color

31.2070, 39.4662, 58.1975

Protanomaly

34.6724, 38.4190, 54.3034

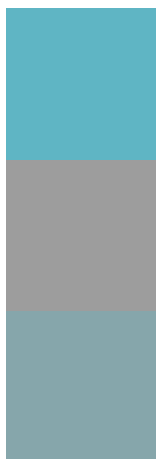
Deuteranomaly

35.6680, 38.5357, 59.5911

Tritanomaly

31.2070, 39.4662, 58.1975

Monochromacy



Original Color

31.2070, 39.4662, 58.1975

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

30.8184, 35.2810, 43.7137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.2070, 39.4662, 58.1975 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(95, 181, 196)` looks like.

```
.text, #text, p{  
    color:rgb(95, 181, 196)  
}
```

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(95, 181, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 181, 196) }
```

Border

The CSS property to change the border of an element to XYZ 31.2070, 39.4662, 58.1975 is called "border". The border property can be set on classes, ids or directly on the HTML element.

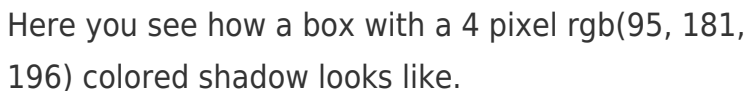
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 181, 196) }
```


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

```
.border{ border-color:rgb(95, 181, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(95, 181, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(95, 181, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(95, 181, 196); box-shadow:4px 4px 4px 4px rgb(95, 181, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 31.2070, 39.4662, 58.1975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 181, 196) }
```

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

```
.background{ background-color: rgb(95, 181,  
196) }
```

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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