

Converting Colors

XYZ(30.3476, 39.7085, 54.7802)

Have a look what the booklet for
XYZ(30.3476, 39.7085, 54.7802)
contains.

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Color

**XYZ(30.3476, 39.7085,
54.7802)**

Conversions

Conversions Part 1

Format	Color
Hex	59B7BE
RGB	89, 183, 190
RGB Percent	35%, 72%, 75%
CMY	0.6510, 0.2823, 0.2549
CMYK	0.53, 0.04, 0.00, 0.25
HSL	184°, 44%, 55%
HSV	184°, 53%, 75%
XYZ	30.3476, 39.7085, 54.7802
YIQ	155.6920, -58.2710, -17.7510

Conversions

Conversions Part 2

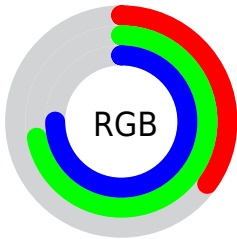
Format	Color
R _Y B	89, 138, 190
Decimal	5879742
CIE Lab	69.26, -25.76, -12.07
CIE LCh	69, 28.449, 205.096
Yxy	39.7085, 0.2431, 0.3181
Android (android.graphics.Color)	4284069822 (0xFF59B7BE)
YUV	155.6920, 16.9138, -58.4889
Hunter-Lab	63.0147, -24.3109, -7.4320

Details

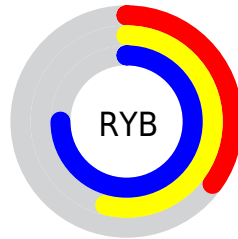
The XYZ color **30.3476, 39.7085, 54.7802** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **27.2221, 20.0351, 11.8848**, and the grayscale version is **31.4096, 33.0453, 35.9864**.

A 20% lighter version of the original color is **59.5337, 74.5899, 98.4483**, and **12.7474, 17.9000, 26.4501** is the 20% darker color. If you saturate the color by 10%, you get **28.4843, 38.3476, 54.6164**, and if you desaturate by 10%, it is **32.6863, 41.3201, 54.9687**.

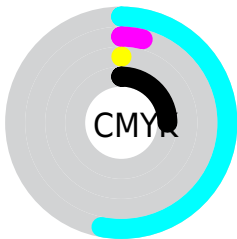
Distribution



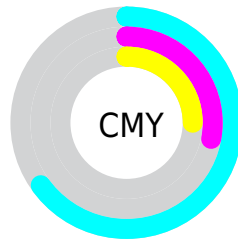
- Red (35%)
- Green (72%)
- Blue (75%)



- Red (35%)
- Yellow (54%)
- Blue (75%)



- Cyan (53%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (65%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3476, 39.7085, 54.7802 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 30.3476, 39.7085, 54.7802 by changing the saturation by 10% instead.

■ 30.3476, 39.7085,
54.7802

■ 30.3476, 39.7085,
54.7802

295.4022,
344.8934, 422.3366

■ 20.2520, 27.3113,
38.8284

■ 59.5943, 74.7194,
98.6868

■ 12.6877, 17.8072,
26.3194

■ 79.4761, 98.1020,
127.4786

■ 7.2893, 10.8116,
16.8348

■ 103.3506,
125.9151, 161.3874

■ 3.6916, 5.9403,
9.9561

■ 131.5833,
158.5432, 200.8319

■ 1.5292, 2.8088,
5.2646

164.5394,
196.3707, 246.2305

■ 0.3456, 1.0328,
2.3419

202.5844,

■ 0.0000, 0.0000,

239.7820, 298.0018

0.7546

246.0835,
289.1614, 356.5643

■ 0.0000, 0.0000,
0.0000

■ 30.3476, 39.7085,
54.7802

■ 30.3476, 39.7085,
54.7802

■ 28.4843, 38.3476,
54.6164

■ 32.6863, 41.3201,
54.9687

■ 27.0559, 37.2137,
54.4729

■ 35.5299, 43.1949,
55.1807

■ 26.0210, 36.2864,
54.3484

■ 38.9097, 45.3498,
55.4185

■ 25.3285, 35.5394,
54.2407

■ 42.8534, 47.7993,
55.6835

■ 24.9840, 35.0970,
54.1735

■ 47.3868, 50.5566,
55.9767

■ 52.5342, 53.6342,
56.2995

■ 58.3182, 57.0438,
56.6527

■ 64.7608, 60.7968,
57.0376

■ 70.0164, 63.9417,
57.3676

Harmonies

Analogous

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



29.6651, 39.7085, 41.1250



30.3476, 39.7085, 54.7802



32.9452, 39.7085, 67.2626

Triad

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



30.3476, 39.7085, 54.7802



45.3960, 39.7085, 59.2489



38.4961, 39.7085, 22.7380

Complementary

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



30.3476, 39.7085, 54.7802



27.2221, 20.0351, 11.8848

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.



42.9826, 39.7085, 25.7438



30.3476, 39.7085, 54.7802



47.1655, 39.7085, 45.4176

Square

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



30.3476, 39.7085, 54.7802



41.5826, 39.7085, 70.1854



46.2488, 39.7085, 33.4392



34.1450, 39.7085, 24.2545

Rectangle

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



30.3476, 39.7085, 54.7802



35.5319, 39.7085, 72.3130



46.2488, 39.7085, 33.4392



40.0414, 39.7085, 23.2319

Sweetspot

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



30.3488, 39.7100, 54.7811



75.3253, 85.1818, 100.7508



24.6333, 39.7913, 17.3855



16.2096, 18.4999, 22.1018



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.



30.3488, 39.7100, 54.7811



51.0720, 69.0734, 98.9199



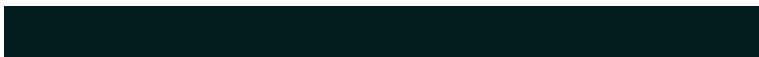
21.7708, 22.5541, 51.9218



9.7505, 10.6933, 12.2223



16.6364, 23.3845, 36.0297



0.6688, 0.9503, 1.4170

Inverse Universe

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



33.3559, 21.5120, 47.1955



57.2532, 33.0685, 83.0124



33.3543, 32.2994, 13.9288



9.9007, 9.6846, 11.8658



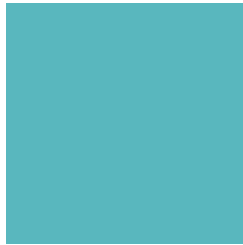
19.3981, 9.3904, 28.4535



0.7685, 0.3713, 1.1601

Previews

White Background



This preview shows how the XYZ color 30.3476, 39.7085, 54.7802 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 30.3476, 39.7085, 54.7802 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 30.3476, 39.7085, 54.7802

Background



This preview shows how black text looks on a background with the XYZ color 30.3476, 39.7085, 54.7802.

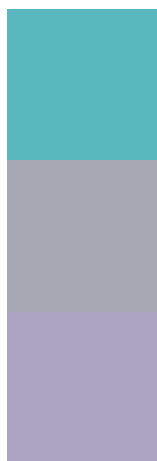


This preview shows how white text looks on a background with the XYZ color 30.3476, 39.7085,

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

30.3476, 39.7085, 54.7802

Protanopia

38.2054, 39.2576, 48.7438

Deuteranopia

40.0263, 39.2166, 56.4989



Tritanopia

31.1204, 39.7113, 58.8481

Trichromacy



Original Color

30.3476, 39.7085, 54.7802

Protanomaly

34.2428, 38.8368, 51.0389

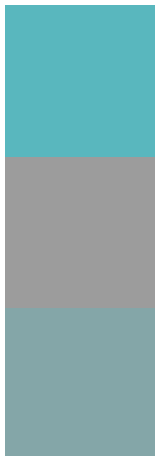
Deuteranomaly

35.3439, 38.7269, 56.0643

Tritanomaly

30.6820, 39.5246, 57.0508

Monochromacy



Original Color

30.3476, 39.7085, 54.7802

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.2198, 35.0051, 42.2097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3476, 39.7085, 54.7802 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(89, 183, 190)` looks like.

```
.text, #text, p{  
    color:rgb(89, 183, 190)  
}
```

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(89, 183, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 183, 190) }
```

Border

The CSS property to change the border of an element to XYZ 30.3476, 39.7085, 54.7802 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(89, 183, 190) }
```


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

```
.border{ border-color:rgb(89, 183, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 183, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 183, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 183, 190);  
box-shadow:4px 4px 4px 4px rgb(89, 183,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3476, 39.7085, 54.7802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 183, 190) }
```

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

```
.background{ background-color: rgb(89, 183,  
190) }
```

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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