

Converting Colors

XYZ(30.7119, 38.7043, 57.3912)

Have a look what the booklet for
XYZ(30.7119, 38.7043, 57.3912)
contains.

XYZ(30.6897, 38.6132, 57.4653)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.6897, 38.6132,
57.4653)**

Conversions

Conversions Part 1

Format	Color
Hex	5FB3C3
RGB	95, 179, 195
RGB Percent	37%, 70%, 76%
CMY	0.6274, 0.2980, 0.2353
CMYK	0.51, 0.08, 0.00, 0.24
HSL	190°, 45%, 57%
HSV	190°, 51%, 76%
XYZ	30.6897, 38.6132, 57.4653
YIQ	155.7080, -55.2000, -12.8320

Conversions

Conversions Part 2

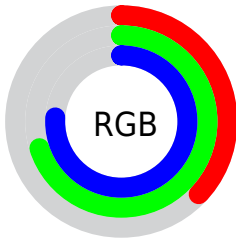
Format	Color
RYB	95, 141, 195
Decimal	6271939
CIELab	68.47, -21.07, -15.99
CIElCh	68, 26.452, 217.186
Yxy	38.6132, 0.2421, 0.3046
Android (android.graphics.Color)	4284462019 (0xFF5FB3C3)
YUV	155.7080, 19.3710, -53.2409
Hunter-Lab	62.1395, -20.5859, -11.3325

Details

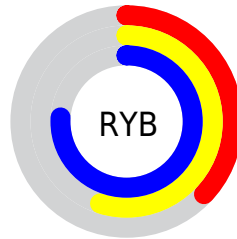
The XYZ color **30.6897, 38.6132, 57.4653** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **30.2564, 23.7980, 13.8263**, and the grayscale version is **31.4050, 33.0405, 35.9811**.

A 20% lighter version of the original color is **60.2279, 73.1203, 103.0348**, and **12.8336, 17.1361, 27.8305** is the 20% darker color. If you saturate the color by 10%, you get **28.2941, 36.4613, 57.1769**, and if you desaturate by 10%, it is **33.6088, 41.0577, 57.7840**.

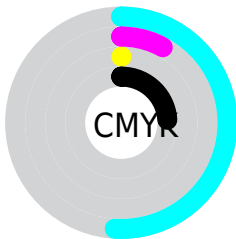
Distribution



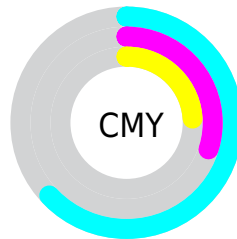
- Red (37%)
- Green (70%)
- Blue (76%)



- Red (37%)
- Yellow (55%)
- Blue (76%)



- Cyan (51%)
- Magenta (8%)
- Yellow (0%)
- Black (24%)



- Cyan (63%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6897, 38.6132, 57.4653 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 30.6897, 38.6132, 57.4653 by changing the saturation by 10% instead.

■ 30.6897, 38.6132,
57.4653

■ 30.6897, 38.6132,
57.4653

296.9587,
340.2432, 432.7330

■ 20.5133, 26.4590,
40.9671

■ 60.1304, 73.0470,
102.6509

■ 12.8792, 17.1673,
27.9739

■ 80.1254, 96.0954,
132.1753

■ 7.4218, 10.3538,
18.0671

■ 104.1240,
123.5440, 166.8789

■ 3.7759, 5.6342,
10.8282

■ 132.4916,
155.7771, 207.1802

■ 1.5762, 2.6239,
5.8387

165.5935,
193.1792, 253.4977

■ 0.3768, 0.9387,
2.6801

203.7951,

■ 0.0000, 0.0000,

236.1346, 306.2500

0.9334

247.4617,
285.0278, 365.8556

■ 0.0000, 0.0000,
0.0000

■ 30.6897, 38.6132,
57.4653

■ 30.6897, 38.6132,
57.4653

■ 28.2941, 36.4613,
57.1769

■ 33.6088, 41.0577,
57.7840

■ 26.3798, 34.5775,
56.9142

■ 37.0824, 43.8083,
58.1318

■ 24.9037, 32.9404,
56.6760

■ 41.1435, 46.8831,
58.5113

■ 23.8133, 31.5227,
56.4598

■ 45.8212, 50.2971,
58.9237

■ 23.0908, 30.4208,
56.2852

■ 51.1427, 54.0647,
59.3704

■ 57.1338, 58.1989,
59.8527

■ 63.8184, 62.7126,
60.3716

■ 71.2196, 67.6176,
60.9282

■ 73.4229, 69.8650,
61.2459

Harmonies

Analogous

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



29.3227, 38.6132, 44.9747



30.6897, 38.6132, 57.4653



33.6857, 38.6132, 66.8928

Triad

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



30.6897, 38.6132, 57.4653



44.5789, 38.6132, 51.5661



35.7091, 38.6132, 23.1640

Complementary

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



30.6897, 38.6132, 57.4653



30.2564, 23.7980, 13.8263

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.



39.8904, 38.6132, 24.2645



30.6897, 38.6132, 57.4653



45.2228, 38.6132, 39.2420

Square

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



30.6897, 38.6132, 57.4653



41.7509, 38.6132, 63.0625



43.4494, 38.6132, 29.6612



32.0751, 38.6132, 26.3057

Rectangle

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



30.6897, 38.6132, 57.4653



36.3094, 38.6132, 69.3266



43.4494, 38.6132, 29.6612



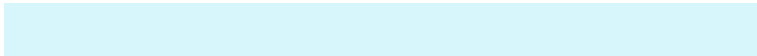
37.0948, 38.6132, 23.0618

Sweetspot

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



30.6909, 38.6147, 57.4662



78.6190, 87.5909, 105.2329



27.0498, 42.5897, 21.5479



16.8226, 18.8938, 23.0102



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.



30.6909, 38.6147, 57.4662



50.0398, 64.7020, 102.3212



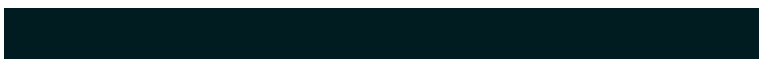
22.5533, 22.3394, 54.7537



10.2269, 11.1451, 12.8970



15.0589, 19.8743, 36.5991



0.6882, 0.9339, 1.5939

Inverse Universe

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



34.7355, 23.0422, 45.2662



58.4063, 34.7014, 76.5890



37.1429, 37.5709, 16.1218



10.4258, 10.2189, 12.3330



18.9970, 9.2886, 23.6941



0.8398, 0.4089, 1.1237

Previews

White Background



This preview shows how the XYZ color 30.6897, 38.6132, 57.4653 looks on a white background.

Color Contrast Check

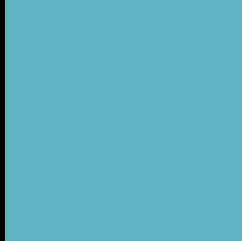
Large Text (above 18pt) WCAG AA × Fail

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 30.6897, 38.6132, 57.4653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

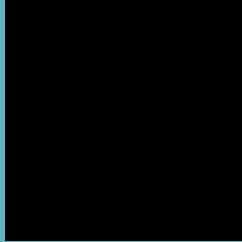
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.6897, 38.6132, 57.4653

Background



This preview shows how black text looks on a background with the XYZ color 30.6897, 38.6132, 57.4653.



This preview shows how white text looks on a background with the XYZ color 30.6897, 38.6132,

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

30.6897, 38.6132, 57.4653

Protanopia

37.4223, 38.2420, 51.8634

Deuteranopia

38.9550, 38.0712, 59.3282



Tritanopia

30.5770, 38.5681, 56.8718

Trichromacy



Original Color

30.6897, 38.6132, 57.4653

Protanomaly

34.0413, 37.8268, 53.6513

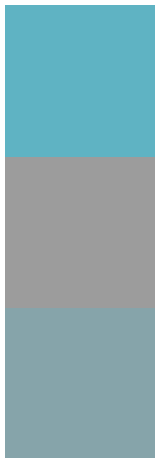
Deuteranomaly

35.0109, 37.6579, 58.8495

Tritanomaly

30.5770, 38.5681, 56.8718

Monochromacy



Original Color

30.6897, 38.6132, 57.4653

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.3627, 34.5215, 43.0932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6897, 38.6132, 57.4653 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, 179, 195)` looks like.

```
.text, #text, p{  
    color:rgb(95, 179, 195)  
}
```

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, 179, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 179, 195) }
```

Border

The CSS property to change the border of an element to XYZ 30.6897, 38.6132, 57.4653 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, 179, 195) }
```


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

```
.border{ border-color:rgb(95, 179, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 179, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 179, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 179, 195);  
box-shadow:4px 4px 4px 4px rgb(95, 179,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6897, 38.6132, 57.4653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 179, 195) }
```

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

```
.background{ background-color: rgb(95, 179,  
195) }
```

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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