

Converting Colors

XYZ(30.1779, 39.0707, 56.1044)

Have a look what the booklet for
XYZ(30.1779, 39.0707, 56.1044)
contains.

XYZ(30.0628, 38.9282, 55.7986)	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(30.0628, 38.9282,
55.7986)**

Conversions

Conversions Part 1

Format	Color
Hex	58B5C0
RGB	88, 181, 192
RGB Percent	35%, 71%, 75%
CMY	0.6549, 0.2902, 0.2471
CMYK	0.54, 0.06, 0.00, 0.25
HSL	186°, 45%, 55%
HSV	186°, 54%, 75%
XYZ	30.0628, 38.9282, 55.7986
YIQ	154.4470, -58.9590, -16.2950

Conversions

Conversions Part 2

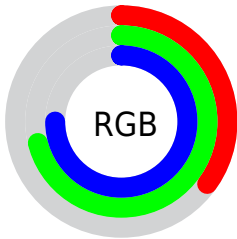
Format	Color
RYB	88, 137, 192
Decimal	5813696
CIELab	68.70, -24.41, -14.02
CIElCh	69, 28.150, 209.859
Yxy	38.9282, 0.2409, 0.3120
Android (android.graphics.Color)	4284003776 (0xFF58B5C0)
YUV	154.4470, 18.5136, -58.2740
Hunter-Lab	62.3925, -23.1795, -9.3493

Details

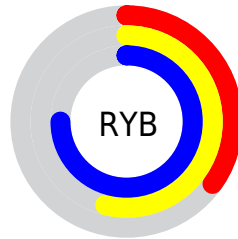
The XYZ color **30.0628, 38.9282, 55.7986** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **27.9624, 20.8356, 11.7815**, and the grayscale version is **30.8524, 32.4591, 35.3480**.

A 20% lighter version of the original color is **59.0815, 73.4567, 99.8716**, and **12.5764, 17.4040, 27.1226** is the 20% darker color. If you saturate the color by 10%, you get **28.0695, 37.2930, 55.5887**, and if you desaturate by 10%, it is **32.5430, 40.8251, 56.0347**.

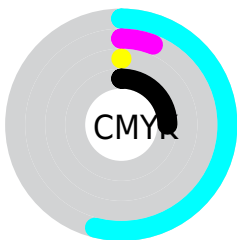
Distribution



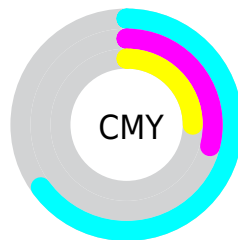
- Red (35%)
- Green (71%)
- Blue (75%)



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



- Cyan (54%)
- Magenta (6%)
- Yellow (0%)
- Black (25%)



- Cyan (65%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0628, 38.9282, 55.7986 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 30.0628, 38.9282, 55.7986 by changing the saturation by 10% instead.

■ 30.0628, 38.9282,
55.7986

■ 30.0628, 38.9282,
55.7986

294.1016,
341.5851, 426.2990

■ 20.0346, 26.7039,
39.6386

■ 59.1474, 73.5286,
100.1929

■ 12.5286, 17.3509,
26.9452

■ 78.9345, 96.6735,
129.2642

■ 7.1795, 10.4850,
17.3000

■ 102.7053,
124.2274, 163.4764

■ 3.6219, 5.7217,
10.2844

■ 130.8251,
156.5746, 203.2480

■ 1.4906, 2.6766,
5.4799

163.6593,
194.0996, 248.9975

■ 0.3194, 0.9653,
2.4679

201.5732,

■ 0.0000, 0.0000,

237.1868, 301.1435

0.8231

244.9322,
286.2205, 360.1045

■ 0.0000, 0.0000,
0.0000

■ 30.0628, 38.9282,
55.7986

■ 30.0628, 38.9282,
55.7986

■ 28.0695, 37.2930,
55.5887

■ 32.5430, 40.8251,
56.0347

■ 26.5212, 35.8952,
55.4005

■ 35.5410, 42.9970,
56.2959

■ 25.3746, 34.7133,
55.2329

■ 39.0890, 45.4615,
56.5846

■ 24.5760, 33.7197,
55.0832

■ 43.2157, 48.2334,
56.9021

■ 24.2092, 33.1951,
55.0012

■ 47.9479, 51.3264,
57.2497

■ 53.3104, 54.7536,
57.6286

■ 59.3270, 58.5270,
58.0399

■ 66.0199, 62.6584,
58.4845

■ 71.2420, 66.0407,
58.8621

Harmonies

Analogous

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



29.0843, 38.9282, 42.3261



30.0628, 38.9282, 55.7986



32.8668, 38.9282, 67.3138

Triad

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



30.0628, 38.9282, 55.7986



44.9062, 38.9282, 55.9238



37.0211, 38.9282, 22.2960

Complementary

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



30.0628, 38.9282, 55.7986



27.9624, 20.8356, 11.7815

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.



41.4662, 38.9282, 24.5259



30.0628, 38.9282, 55.7986



46.2357, 38.9282, 42.4463

Square

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



30.0628, 38.9282, 55.7986



41.4269, 38.9282, 67.3956



44.9301, 38.9282, 31.3162



32.9004, 38.9282, 24.4842

Rectangle

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



30.0628, 38.9282, 55.7986



35.5136, 38.9282, 71.3830



44.9301, 38.9282, 31.3162



38.5275, 38.9282, 22.5464

Sweetspot

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



30.0640, 38.9297, 55.7995



76.6500, 86.2970, 102.9774



25.0987, 40.6643, 18.1819



16.1024, 18.2854, 22.0660



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.



30.0640, 38.9297, 55.7995



50.2737, 67.0647, 100.6554



21.4695, 21.7408, 52.9347



10.2746, 11.2406, 12.9129



16.3240, 22.4046, 37.0208



0.7319, 1.0213, 1.6084

Inverse Universe

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



33.5695, 21.5232, 46.1027



57.5027, 33.0647, 80.2336



34.4709, 33.8528, 13.9510



10.4499, 10.2286, 12.4598



19.6356, 9.5440, 27.0568



0.8618, 0.4177, 1.2398

Previews

White Background



This preview shows how the XYZ color 30.0628, 38.9282, 55.7986 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 30.0628, 38.9282, 55.7986 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 30.0628, 38.9282, 55.7986

Background



This preview shows how black text looks on a background with the XYZ color 30.0628, 38.9282, 55.7986.

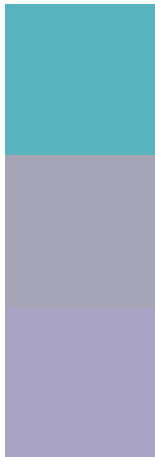


This preview shows how white text looks on a background with the XYZ color 30.0628, 38.9282,

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

30.0628, 38.9282, 55.7986

Protanopia

37.4157, 38.2870, 49.6741

Deuteranopia

39.4232, 38.6149, 57.6002



Tritanopia

30.4940, 39.1117, 57.5719

Trichromacy



Original Color

30.0628, 38.9282, 55.7986

Protanomaly

33.7424, 37.9894, 52.0086

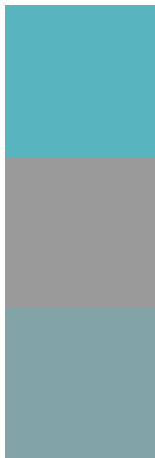
Deuteranomaly

35.0403, 38.2650, 57.1688

Tritanomaly

30.3813, 39.0666, 56.9783

Monochromacy



Original Color

30.0628, 38.9282, 55.7986

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.5493, 34.1239, 42.0749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0628, 38.9282, 55.7986 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(88, 181, 192)` looks like.

```
.text, #text, p{  
    color:rgb(88, 181, 192)  
}
```

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(88, 181, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 181, 192) }
```

Border

The CSS property to change the border of an element to XYZ 30.0628, 38.9282, 55.7986 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(88, 181, 192) }
```


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

```
.border{ border-color:rgb(88, 181, 192) }
```

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

Here you see how a box with a 4 pixel rgb(88, 181, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 181, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 181, 192);  
box-shadow:4px 4px 4px 4px rgb(88, 181,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0628, 38.9282, 55.7986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 181, 192) }
```

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

```
.background{ background-color: rgb(88, 181,  
192) }
```

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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