

Converting Colors

XYZ(30.9078, 38.7125, 58.0678)

Have a look what the booklet for
XYZ(30.9078, 38.7125, 58.0678)
contains.

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Color

**XYZ(30.9078, 38.7125,
58.0678)**

Conversions

Conversions Part 1

Format	Color
Hex	60B3C4
RGB	96, 179, 196
RGB Percent	38%, 70%, 77%
CMY	0.6235, 0.2980, 0.2314
CMYK	0.51, 0.09, 0.00, 0.23
HSL	190°, 46%, 57%
HSV	190°, 51%, 77%
XYZ	30.9078, 38.7125, 58.0678
YIQ	156.1210, -54.9250, -12.3090

Conversions

Conversions Part 2

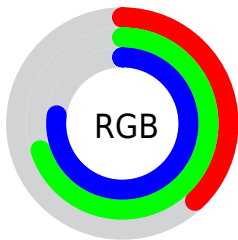
Format	Color
RYB	96, 141, 196
Decimal	6337476
CIELab	68.54, -20.58, -16.43
CIELCh	69, 26.328, 218.602
Yxy	38.7125, 0.2421, 0.3032
Android (android.graphics.Color)	4284527556 (0xFF60B3C4)
YUV	156.1210, 19.6603, -52.7261
Hunter-Lab	62.2194, -20.2131, -11.7803

Details

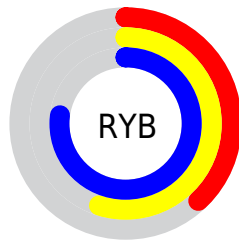
The XYZ color **30.9078, 38.7125, 58.0678** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **30.7823, 24.3916, 14.1532**, and the grayscale version is **31.5876, 33.2326, 36.1903**.

A 20% lighter version of the original color is **60.5748, 73.2808, 103.8805**, and **12.9705, 17.1980, 28.2271** is the 20% darker color. If you saturate the color by 10%, you get **28.4376, 36.4605, 57.7640**, and if you desaturate by 10%, it is **33.9106, 41.2647, 58.4029**.

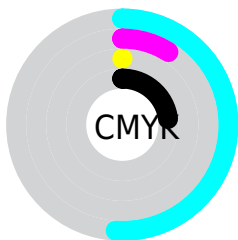
Distribution



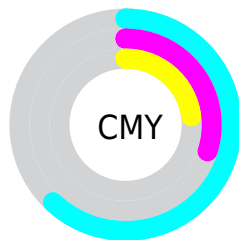
- Red (38%)
- Green (70%)
- Blue (77%)



- Red (38%)
- Yellow (55%)
- Blue (77%)



- Cyan (51%)
- Magenta (9%)
- Yellow (0%)
- Black (23%)



- Cyan (62%)
- Magenta (30%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9078, 38.7125, 58.0678 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 30.9078, 38.7125, 58.0678 by changing the saturation by 10% instead.

■ 30.9078, 38.7125,
58.0678

■ 30.9078, 38.7125,
58.0678

■ 297.9478,
340.6666, 435.0438

■ 20.6801, 26.5361,
41.4481

■ 60.4717, 73.1989,
103.5373

■ 13.0015, 17.2252,
28.3470

■ 80.5387, 96.2778,
133.2243

■ 7.5066, 10.3952,
18.3461

■ 104.6161,
123.7595, 168.1040

■ 3.8300, 5.6617,
11.0268

■ 133.0694,
156.0287, 208.5951

■ 1.6064, 2.6405,
5.9704

■ 166.2638,
193.4696, 255.1161

■ 0.3966, 0.9471,
2.7586

■ 204.5648,

■ 0.0000, 0.0000,

236.4666, 308.0855

0.9727

248.3377,
285.4041, 367.9219

■ 0.0000, 0.0000,
0.0000

■ 30.9078, 38.7125,
58.0678

■ 30.9078, 38.7125,
58.0678

■ 28.4376, 36.4605,
57.7640

■ 33.9106, 41.2647,
58.4029

■ 26.4573, 34.4840,
57.4869

■ 37.4774, 44.1310,
58.7681

■ 24.9236, 32.7613,
57.2352

■ 41.6414, 47.3294,
59.1660

■ 23.7834, 31.2650,
57.0065

■ 46.4322, 50.8753,
59.5979

■ 23.0049, 30.0675,
56.8164

■ 51.8773, 54.7832,
60.0652

■ 58.0026, 59.0665,
60.5692

■ 64.8325, 63.7379,
61.1109

■ 72.3903, 68.8097,
61.6915

■ 74.0018, 70.8412,
61.9987

Harmonies

Analogous

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



29.4595, 38.7125, 45.6608



30.9078, 38.7125, 58.0678



33.9614, 38.7125, 67.1940

Triad

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



30.9078, 38.7125, 58.0678



44.7312, 38.7125, 51.0456



35.6150, 38.7125, 23.3611

Complementary

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



30.9078, 38.7125, 58.0678



30.7823, 24.3916, 14.1532

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.



39.7821, 38.7125, 24.2613



30.9078, 38.7125, 58.0678



45.2572, 38.7125, 38.8265

Square

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



30.9078, 38.7125, 58.0678



41.9985, 38.7125, 62.6390



43.3861, 38.7125, 29.4466



32.0402, 38.7125, 26.7028

Rectangle

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



30.9078, 38.7125, 58.0678



36.6009, 38.7125, 69.3559



43.3861, 38.7125, 29.4466



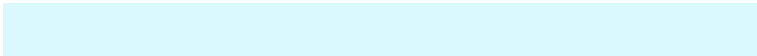
36.9899, 38.7125, 23.1927

Sweetspot

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



30.9090, 38.7140, 58.0687



80.3117, 89.3748, 107.6259



27.5267, 43.1523, 22.4043



16.7939, 18.8364, 23.0006



0.0000, 0.0000, 0.0000



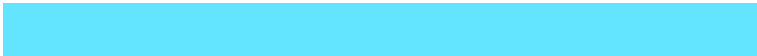
20.3446, 21.4041, 23.3091

Same Dimension

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



30.9090, 38.7140, 58.0687



51.1421, 65.6924, 104.5922



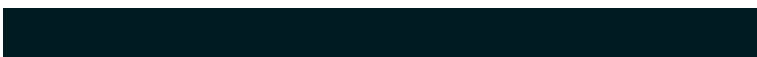
22.6831, 22.2621, 55.3267



10.2181, 11.1276, 12.8941



14.8365, 19.4295, 36.5249



0.6805, 0.9183, 1.5913

Inverse Universe

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



35.0856, 23.3574, 45.3085



59.8258, 35.9017, 77.5821



37.9153, 38.6576, 16.5309



10.4214, 10.2172, 12.3097



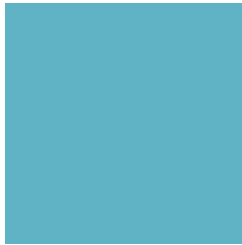
18.8847, 9.2437, 23.1029



0.8359, 0.4073, 1.1030

Previews

White Background



This preview shows how the XYZ color 30.9078, 38.7125, 58.0678 looks on a white background.

Color Contrast Check

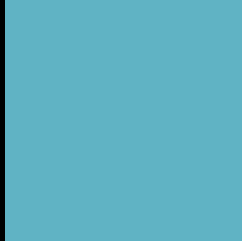
Large Text (above 18pt) WCAG AA × Fail

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 30.9078, 38.7125, 58.0678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

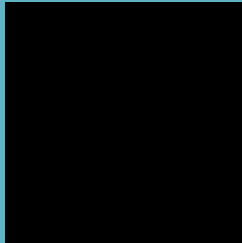
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.9078, 38.7125, 58.0678

Background



This preview shows how black text looks on a background with the XYZ color 30.9078, 38.7125, 58.0678.



This preview shows how white text looks on a background with the XYZ color 30.9078, 38.7125,

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

30.9078, 38.7125, 58.0678

Protanopia

37.5290, 38.2847, 52.4254

Deuteranopia

39.2484, 38.4715, 60.0007



Tritanopia

30.5770, 38.5681, 56.8718

Trichromacy



Original Color

30.9078, 38.7125, 58.0678

Protanomaly

34.3165, 37.9561, 54.2328

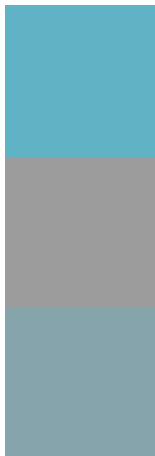
Deuteranomaly

35.4813, 38.1622, 59.5288

Tritanomaly

30.6897, 38.6132, 57.4653

Monochromacy



Original Color

30.9078, 38.7125, 58.0678

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.4577, 34.5595, 43.5934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9078, 38.7125, 58.0678 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(96, 179, 196)` looks like.

```
.text, #text, p{  
    color:rgb(96, 179, 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(96, 179, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 179, 196) }
```

Border

The CSS property to change the border of an element to XYZ 30.9078, 38.7125, 58.0678 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(96, 179, 196) }
```


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

```
.border{ border-color:rgb(96, 179, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 179, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 179, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 179, 196);  
box-shadow:4px 4px 4px 4px rgb(96, 179,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9078, 38.7125, 58.0678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 179, 196) }
```

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

```
.background{ background-color: rgb(96, 179,  
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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