

Converting Colors

XYZ(28.9876, 38.9048, 59.4138)

Have a look what the booklet for
XYZ(28.9876, 38.9048, 59.4138)
contains.

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Color

**XYZ(28.9900, 38.9048,
59.4075)**

Conversions

Conversions Part 1

Format	Color
Hex	3CB7C6
RGB	60, 183, 198
RGB Percent	24%, 72%, 78%
CMY	0.7647, 0.2823, 0.2235
CMYK	0.70, 0.08, 0.00, 0.22
HSL	187°, 55%, 51%
HSV	187°, 70%, 78%
XYZ	28.9900, 38.9048, 59.4075
YIQ	147.9330, -78.1230, -21.4110

Conversions

Conversions Part 2

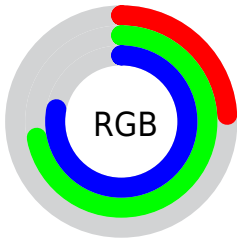
Format	Color
R _{YB}	60, 125, 198
Decimal	3979206
CIE _{Lab}	68.68, -28.44, -17.42
CIE _{LCh}	69, 33.354, 211.492
Y _{xy}	38.9048, 0.2277, 0.3056
Android (android.graphics.Color)	4282169286 (0xFF3CB7C6)
YUV	147.9330, 24.6830, -77.1172
Hunter-Lab	62.3737, -26.1909, -12.8088

Details

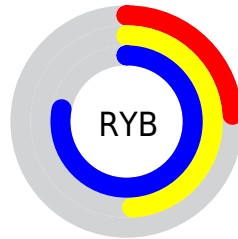
The XYZ color **28.9900, 38.9048, 59.4075** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **26.6215, 17.3655, 6.2250**, and the grayscale version is **28.0456, 29.5062, 32.1322**.

A 20% lighter version of the original color is **57.3739, 73.3130, 105.7346**, and **13.0167, 17.9789, 29.1698** is the 20% darker color. If you saturate the color by 10%, you get **27.5699, 37.5195, 59.2157**, and if you desaturate by 10%, it is **30.8667, 40.5371, 59.6244**.

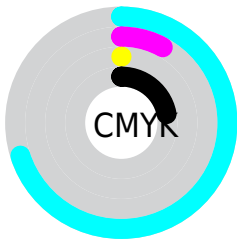
Distribution



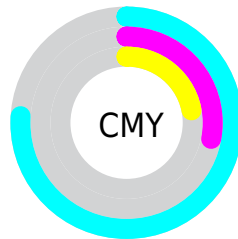
- Red (24%)
- Green (72%)
- Blue (78%)



- Red (24%)
- Yellow (49%)
- Blue (78%)



- Cyan (70%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)



- Cyan (76%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9900, 38.9048, 59.4075 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 28.9900, 38.9048, 59.4075 by changing the saturation by 10% instead.

■ 28.9900, 38.9048,
59.4075

■ 28.9900, 38.9048,
59.4075

289.1628,
341.4856, 440.1542

■ 19.2175, 26.6857,
42.5191

■ 57.4589, 73.4929,
105.5046

■ 11.9325, 17.3373,
29.1794

■ 76.8859, 96.6306,
135.5504

■ 6.7696, 10.4753,
18.9698

■ 100.2619,
124.1766, 170.8191

■ 3.3635, 5.7152,
11.4719

■ 127.9522,
156.5154, 211.7291

■ 1.3488, 2.6727,
6.2670

■ 160.3220,
194.0313, 258.6991

■ 0.2193, 0.9633,
2.9367

197.7368,

■ 0.0000, 0.0000,

237.1087, 312.1476

1.0624

240.5620,
286.1320, 372.4931

■ 0.0000, 0.0000,
0.0000

■ 28.9900, 38.9048,
59.4075

■ 28.9900, 38.9048,
59.4075

■ 27.5699, 37.5195,
59.2157

■ 30.8667, 40.5371,
59.6244

■ 26.5498, 36.3497,
59.0437

■ 33.2411, 42.4353,
59.8656

■ 25.8335, 35.3465,
58.8878

■ 36.1537, 44.6212,
60.1340

■ 25.8128, 35.3165,
58.8831

■ 39.6400, 47.1130,
60.4312

■ 43.7323, 49.9274,
60.7588

■ 48.4605, 53.0799,
61.1181

■ 53.8525, 56.5850,
61.5105

■ 59.9345, 60.4563,
61.9371

■ 66.7315, 64.7064,
62.3992

Harmonies

Analogous

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



27.7419, 38.9048, 43.1209



28.9900, 38.9048, 59.4075



32.3476, 38.9048, 73.3357

Triad

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



28.9900, 38.9048, 59.4075



46.6200, 38.9048, 57.7827



36.7146, 38.9048, 19.4624

Complementary

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



28.9900, 38.9048, 59.4075



26.6215, 17.3655, 6.2250

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.



42.0301, 38.9048, 21.6282



28.9900, 38.9048, 59.4075



48.0651, 38.9048, 41.6095

Square

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



28.9900, 38.9048, 59.4075



42.5298, 38.9048, 72.2516



46.3127, 38.9048, 28.9333



31.9314, 38.9048, 22.1145

Rectangle

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



28.9900, 38.9048, 59.4075



35.4982, 38.9048, 78.0478



46.3127, 38.9048, 28.9333



38.4980, 38.9048, 19.6473

Sweetspot

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



28.9912, 38.9062, 59.4084



76.1898, 87.5624, 107.4933



23.2880, 41.8415, 13.2936



15.8600, 18.4361, 22.9726



0.0000, 0.0000, 0.0000



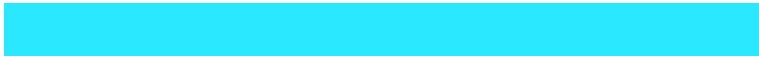
20.3446, 21.4041, 23.3091

Same Dimension

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



28.9912, 38.9062, 59.4084



47.7338, 65.2420, 104.6849



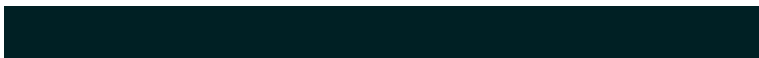
18.2115, 17.3467, 55.8152



10.8445, 11.8630, 13.6357



16.8249, 23.0436, 38.3055



0.8255, 1.1489, 1.8234

Inverse Universe

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



33.4529, 18.6576, 46.6393



56.5515, 28.6423, 78.6822



33.8980, 31.9185, 8.6505



11.0315, 10.7960, 13.1493



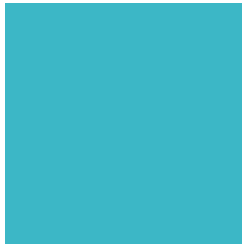
20.2917, 9.8663, 27.8099



0.9754, 0.4730, 1.3936

Previews

White Background



This preview shows how the XYZ color 28.9900, 38.9048, 59.4075 looks on a white background.

Color Contrast Check

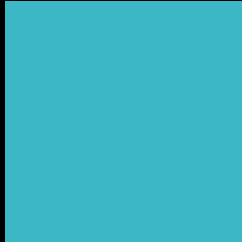
Large Text (above 18pt) WCAG AA × Fail

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 28.9900, 38.9048, 59.4075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

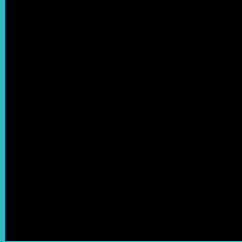
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.9900, 38.9048, 59.4075

Background



This preview shows how black text looks on a background with the XYZ color 28.9900, 38.9048, 59.4075.



This preview shows how white text looks on a background with the XYZ color 28.9900, 38.9048,

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

28.9900, 38.9048, 59.4075

Protanopia

37.4223, 38.2420, 51.8634

Deuteranopia

39.0677, 38.3512, 61.2205



Tritanopia

28.9900, 38.9048, 59.4075

Trichromacy



Original Color

28.9900, 38.9048, 59.4075



Protanomaly

32.6510, 37.6584, 54.2631



Deuteranomaly

33.5215, 37.4021, 60.7109



Tritanomaly

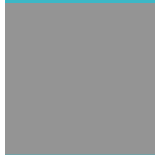
28.9900, 38.9048, 59.4075

Monochromacy



Original Color

28.9900, 38.9048, 59.4075



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

26.8303, 31.9559, 40.8304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9900, 38.9048, 59.4075 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(60, 183, 198)` looks like.

```
.text, #text, p{  
    color:rgb(60, 183, 198)  
}
```

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(60, 183, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 183, 198) }
```

Border

The CSS property to change the border of an element to XYZ 28.9900, 38.9048, 59.4075 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(60, 183, 198) }
```


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

```
.border{ border-color:rgb(60, 183, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 183, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 183, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 183, 198);  
box-shadow:4px 4px 4px 4px rgb(60, 183,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9900, 38.9048, 59.4075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 183, 198) }
```

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

```
.background{ background-color: rgb(60, 183,  
198) }
```

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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