

Converting Colors

XYZ(28.9803, 38.7441, 59.9243)

Have a look what the booklet for
XYZ(28.9803, 38.7441, 59.9243)
contains.

XYZ(29.1058, 38.9512, 60.0171)	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(29.1058, 38.9512,
60.0171)**

Conversions

Conversions Part 1

Format	Color
Hex	3CB7C7
RGB	60, 183, 199
RGB Percent	24%, 72%, 78%
CMY	0.7647, 0.2823, 0.2196
CMYK	0.70, 0.08, 0.00, 0.22
HSL	187°, 55%, 51%
HSV	187°, 70%, 78%
XYZ	29.1058, 38.9512, 60.0171
YIQ	148.0470, -78.4440, -21.1000

Conversions

Conversions Part 2

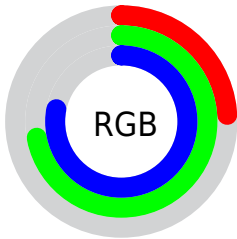
Format	Color
R _{YB}	60, 125, 199
Decimal	3979207
CIE _{Lab}	68.72, -28.14, -17.92
CIE _{LCh}	69, 33.362, 212.494
Yxy	38.9512, 0.2273, 0.3041
Android (android.graphics.Color)	4282169287 (0xFF3CB7C7)
YUV	148.0470, 25.1198, -77.2172
Hunter-Lab	62.4109, -25.9742, -13.3283

Details

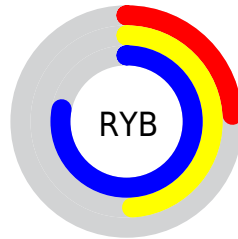
The XYZ color **29.1058, 38.9512, 60.0171** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **26.9543, 17.6385, 6.2601**, and the grayscale version is **28.0915, 29.5544, 32.1848**.

A 20% lighter version of the original color is **57.3739, 73.3130, 105.7346**, and **13.0935, 18.0096, 29.5742** is the 20% darker color. If you saturate the color by 10%, you get **27.6537, 37.5077, 59.8157**, and if you desaturate by 10%, it is **31.0199, 40.6459, 60.2440**.

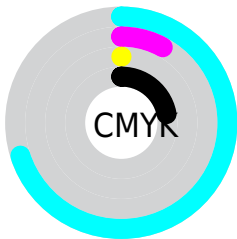
Distribution



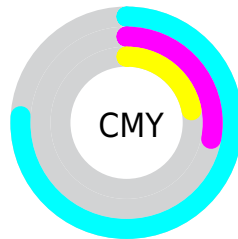
- Red (24%)
- Green (72%)
- Blue (78%)



- 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 29.1058, 38.9512, 60.0171 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 29.1058, 38.9512, 60.0171 by changing the saturation by 10% instead.

■ 29.1058, 38.9512,
60.0171

■ 29.1058, 38.9512,
60.0171

289.6990,
341.6830, 442.4672

■ 19.3056, 26.7218,
43.0070

■ 57.6415, 73.5638,
106.3981

■ 11.9966, 17.3644,
29.5592

■ 77.1077, 96.7157,
136.6061

■ 6.8135, 10.4946,
19.2550

■ 100.5266,
124.2772, 172.0505

■ 3.3911, 5.7281,
11.6760

■ 128.2636,
156.6328, 213.1498

■ 1.3638, 2.6805,
6.4036

■ 160.6839,
194.1667, 260.3226

■ 0.2302, 0.9673,
3.0193

198.1531,

■ 0.0000, 0.0000,

237.2635, 313.9874

1.1045

241.0363,
286.3074, 374.5627

■ 0.0000, 0.0000,
0.0000

■ 29.1058, 38.9512,
60.0171

■ 29.1058, 38.9512,
60.0171

■ 27.6537, 37.5077,
59.8157

■ 31.0199, 40.6459,
60.2440

■ 26.6061, 36.2834,
59.6346

■ 33.4378, 42.6109,
60.4959

■ 25.8639, 35.2277,
59.4700

■ 36.4007, 44.8684,
60.7755

■ 25.8530, 35.2117,
59.4675

■ 39.9444, 47.4369,
61.0845

■ 44.1016, 50.3334,
61.4244

■ 48.9028, 53.5735,
61.7968

■ 54.3763, 57.1718,
62.2029

■ 60.5486, 61.1423,
62.6439

■ 67.4448, 65.4977,
63.1211

Harmonies

Analogous

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



27.7814, 38.9512, 43.6883



29.1058, 38.9512, 60.0171



32.5304, 38.9512, 73.7619

Triad

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



29.1058, 38.9512, 60.0171



46.7713, 38.9512, 57.2986



36.5822, 38.9512, 19.4989

Complementary

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



29.1058, 38.9512, 60.0171



26.9543, 17.6385, 6.2601

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.



41.9090, 38.9512, 21.5044



29.1058, 38.9512, 60.0171



48.1131, 38.9512, 41.1593

Square

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



29.1058, 38.9512, 60.0171



42.7451, 38.9512, 71.9482



46.2572, 38.9512, 28.6366



31.8339, 38.9512, 22.3186

Rectangle

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



29.1058, 38.9512, 60.0171



35.7121, 38.9512, 78.2403



46.2572, 38.9512, 28.6366



38.3634, 38.9512, 19.6311

Sweetspot

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



29.1070, 38.9526, 60.0180



76.0836, 87.3501, 107.4580



23.5207, 42.3015, 13.3877



15.8345, 18.3849, 22.9640



0.0000, 0.0000, 0.0000



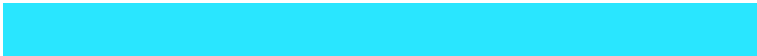
20.3446, 21.4041, 23.3091

Same Dimension

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



29.1070, 38.9526, 60.0180



47.3494, 64.4732, 104.5567



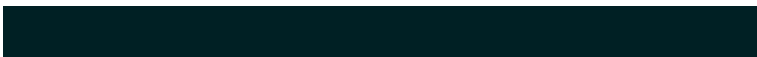
18.3730, 17.4846, 56.4400



10.8385, 11.8510, 13.6337



16.6651, 22.7241, 38.2522



0.8194, 1.1367, 1.8214

Inverse Universe

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



33.7174, 18.7939, 46.6518



56.3575, 28.5647, 77.6604



34.2526, 32.2351, 8.6929



11.0285, 10.7948, 13.1333



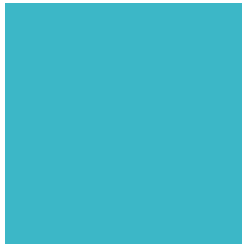
20.2111, 9.8340, 27.3852



0.9723, 0.4718, 1.3773

Previews

White Background



This preview shows how the XYZ color 29.1058, 38.9512, 60.0171 looks on a white background.

Color Contrast Check

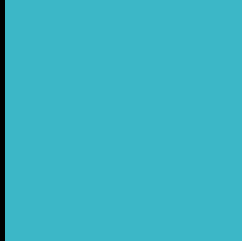
Large Text (above 18pt) WCAG AA × Fail

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 29.1058, 38.9512, 60.0171 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

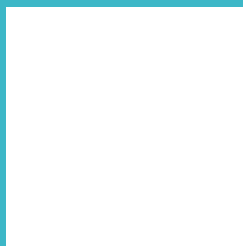
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.1058, 38.9512, 60.0171

Background



This preview shows how black text looks on a background with the XYZ color 29.1058, 38.9512, 60.0171.



This preview shows how white text looks on a background with the XYZ color 29.1058, 38.9512,

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

29.1058, 38.9512, 60.0171

Protanopia

37.5290, 38.2847, 52.4254

Deuteranopia

39.1865, 38.3987, 61.8462



Tritanopia

28.9302, 38.8740, 59.4047

Trichromacy



Original Color

29.1058, 38.9512, 60.0171

Protanomaly

32.7607, 37.7023, 54.8408

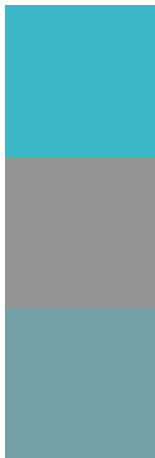
Deuteranomaly

33.6396, 37.4493, 61.3326

Tritanomaly

28.9302, 38.8740, 59.4047

Monochromacy



Original Color

29.1058, 38.9512, 60.0171

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

26.9224, 31.9928, 41.3155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1058, 38.9512, 60.0171 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(60, 183, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 183, 199) }
```

Border

The CSS property to change the border of an element to XYZ 29.1058, 38.9512, 60.0171 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, 199) }
```


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

```
.border{ border-color:rgb(60, 183, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 183, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 183, 199);  
box-shadow:4px 4px 4px 4px rgb(60, 183,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1058, 38.9512, 60.0171 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, 199) }
```

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

```
.background{ background-color: rgb(60, 183,  
199) }
```

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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