

Converting Colors

XYZ(38.9746, 53.8479, 58.5592)

Have a look what the booklet for
XYZ(38.9746, 53.8479, 58.5592)
contains.

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Color

**XYZ(39.1130, 54.0014,
58.8139)**

Conversions

Conversions Part 1	
Format	Color
Hex	6AD4C1
RGB	106, 212, 193
RGB Percent	42%, 83%, 76%
CMY	0.5843, 0.1686, 0.2431
CMYK	0.50, 0.00, 0.09, 0.17
HSL	169°, 55%, 62%
HSV	169°, 50%, 83%
XYZ	39.1130, 54.0014, 58.8139
YIQ	178.1400, -57.0770, -28.3810

Conversions

Conversions Part 2

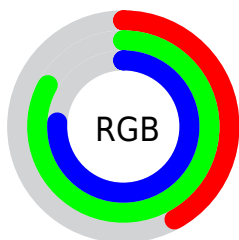
Format	Color
RYB	106, 164, 212
Decimal	7001281
CIELab	78.46, -35.26, -0.01
CIELCh	78, 35.262, 180.023
Yxy	54.0014, 0.2574, 0.3554
Android (android.graphics.Color)	4285191361 (0xFF6AD4C1)
YUV	178.1400, 7.3260, -63.2668
Hunter-Lab	73.4856, -33.5926, 3.9875

Details

The XYZ color **39.1130, 54.0014, 58.8139** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.0089, 25.7873, 22.4837**, and the grayscale version is **42.3764, 44.5833, 48.5512**.

A 20% lighter version of the original color is **68.1687, 86.2521, 102.6780**, and **17.7869, 26.5210, 28.9925** is the 20% darker color. If you saturate the color by 10%, you get **36.4801, 52.6938, 56.5068**, and if you desaturate by 10%, it is **42.3826, 55.6387, 61.2100**.

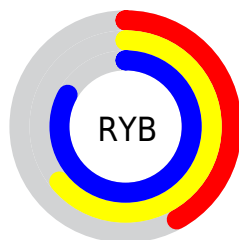
Distribution



Red (42%)

Green (83%)

Blue (76%)



Red (42%)

Yellow (64%)

Blue (83%)

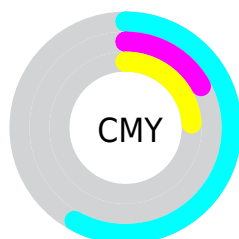


Cyan (50%)

Magenta (0%)

Yellow (9%)

Black (17%)



Cyan (58%)


Magenta (17%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1130, 54.0014, 58.8139 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 39.1130, 54.0014, 58.8139 by changing the saturation by 10% instead.


 39.1130, 54.0014,
58.8139


 39.1130, 54.0014,
58.8139


333.5696,
402.1154, 437.8946


 27.0288, 38.6028,
42.0443


 73.1039, 96.0763,
104.6336

 17.7315, 26.4509,
28.8102


 95.7412, 123.5214,
134.5208

 10.8559, 17.1612,
18.6929


 122.6270,
155.7507, 169.6176

 6.0366, 10.3495,
11.2740

154.1265,
193.1487, 210.3425

 2.9082, 5.6313,
6.1350

190.6052,
236.0998, 257.1141

 1.1054, 2.6222,
2.8572


232.4284,


 0.0296, 0.9378,


284.9883, 310.3510

1.0222


279.9614,
340.1987, 370.4716


 0.0000, 0.0000,
0.0000


 39.1130, 54.0014,
58.8139


 39.1130, 54.0014,
58.8139


 36.4801, 52.6938,
56.5068

 42.3826, 55.6387,
61.2100


 34.4324, 51.6852,
54.2824


 46.3264, 57.6209,
63.6938


 32.9180, 50.9504,
52.1390


 50.9842, 59.9699,
66.2687


 31.8737, 50.4567,
50.0733


 56.3916, 62.7040,
68.9368

 31.1843, 50.1448,
48.0792


 62.5816, 65.8404,
71.7001

 31.1842, 50.1447,
48.0790

 69.5855, 69.3949,
74.5603

 77.4324, 73.3828,
77.5194

 78.1584, 73.6984,
80.2049

 78.6780, 73.9062,
82.9408

Harmonies

Analogous

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



40.6202, 54.0014, 41.7061



39.1130, 54.0014, 58.8139



40.6249, 54.0014, 80.0523

Triad

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



39.1130, 54.0014, 58.8139



58.2923, 54.0014, 98.4511



58.2821, 54.0014, 31.5326

Complementary

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



39.1130, 54.0014, 58.8139



36.0089, 25.7873, 22.4837

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.



63.7601, 54.0014, 41.6846



39.1130, 54.0014, 58.8139



63.7663, 54.0014, 80.0192

Square

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



39.1130, 54.0014, 58.8139



51.3321, 54.0014, 105.8550



65.8502, 54.0014, 58.7828



51.3213, 54.0014, 28.2792

Rectangle

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



39.1130, 54.0014, 58.8139



43.2270, 54.0014, 93.1886



65.8502, 54.0014, 58.7828



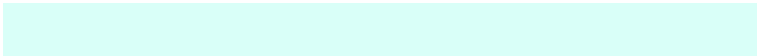
60.3798, 54.0014, 34.1193

Sweetspot

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



39.1145, 54.0035, 58.8152



81.2665, 93.0196, 102.5948



34.6676, 52.5224, 21.9475



17.0264, 19.7240, 21.7755



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.



39.1145, 54.0035, 58.8152



55.1838, 79.9225, 85.6060



33.8360, 39.8331, 68.1950



12.6922, 14.0679, 15.4596



19.2846, 30.9692, 29.8583



1.1887, 1.8781, 1.9354

Inverse Universe

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



36.0089, 25.7873, 22.4837



49.9823, 32.3591, 24.5298



39.0696, 33.6692, 18.0764



12.5133, 12.4568, 13.3770



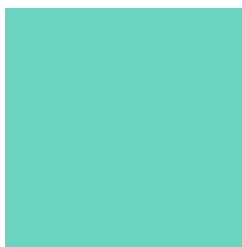
17.0044, 8.7381, 2.0611



1.0536, 0.5382, 0.2715

Previews

White Background



This preview shows how the XYZ color 39.1130, 54.0014, 58.8139 looks on a white background.

Color Contrast Check

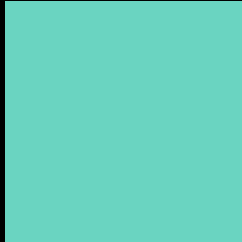
Large Text (above 18pt) WCAG AA × Fail

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 39.1130, 54.0014, 58.8139 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

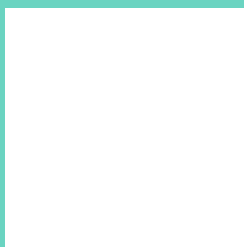
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1130, 54.0014, 58.8139

Background



This preview shows how black text looks on a background with the XYZ color 39.1130, 54.0014, 58.8139.

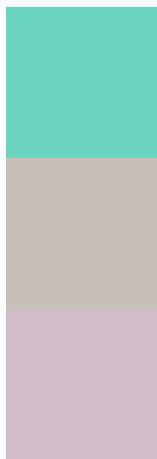


This preview shows how white text looks on a background with the XYZ color 39.1130, 54.0014,

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

39.1130, 54.0014, 58.8139

Protanopia

50.8463, 53.2188, 51.8483

Deuteranopia


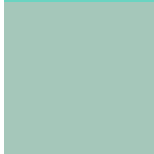
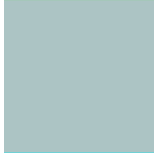
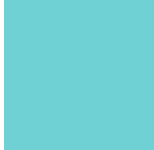
54.2579, 53.1732, 60.8298




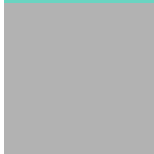
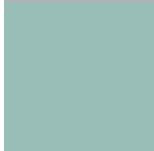
Tritanopia

42.9698, 53.7205, 78.6253

Trichromacy

	Original Color 39.1130, 54.0014, 58.8139
	Protanomaly 44.8034, 52.3914, 54.2055
	Deuteranomaly 46.7170, 52.2360, 59.8449
	Tritanomaly 41.4928, 53.8498, 71.1579

Monochromacy

	Original Color 39.1130, 54.0014, 58.8139
	Achromatopsia 42.3164, 44.5201, 48.4824
	Achromatomaly 39.9096, 46.9212, 51.7530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1130, 54.0014, 58.8139 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(106, 212, 193) looks like.

```
.text, #text, p{  
    color:rgb(106, 212, 193)  
}
```

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(106, 212, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 212, 193) }
```

Border

The CSS property to change the border of an element to XYZ 39.1130, 54.0014, 58.8139 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(106, 212, 193) }
```


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

```
.border{ border-color:rgb(106, 212, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 212, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 212, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 212, 193);  
box-shadow:4px 4px 4px 4px rgb(106, 212,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1130, 54.0014, 58.8139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 212, 193) }
```

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

```
.background{ background-color: rgb(106,  
212, 193) }
```

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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