

Converting Colors

XYZ(39.6264, 53.9523, 59.5617)

Have a look what the booklet for
XYZ(39.6264, 53.9523, 59.5617)
contains.

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Color

**XYZ(39.5874, 53.8631,
59.3491)**

Conversions

Conversions Part 1

Format	Color
Hex	6FD3C2
RGB	111, 211, 194
RGB Percent	44%, 83%, 76%
CMY	0.5647, 0.1725, 0.2392
CMYK	0.47, 0.00, 0.08, 0.17
HSL	170°, 53%, 63%
HSV	170°, 47%, 83%
XYZ	39.5874, 53.8631, 59.3491
YIQ	179.1620, -54.1430, -26.4870

Conversions

Conversions Part 2

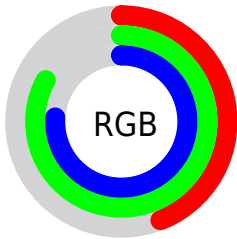
Format	Color
RYB	111, 166, 211
Decimal	7328706
CIELab	78.38, -33.42, -0.65
CIELCh	78, 33.423, 181.108
Yxy	53.8631, 0.2591, 0.3525
Android (android.graphics.Color)	4285518786 (0xFF6FD3C2)
YUV	179.1620, 7.3151, -59.7781
Hunter-Lab	73.3915, -32.1521, 3.4283

Details

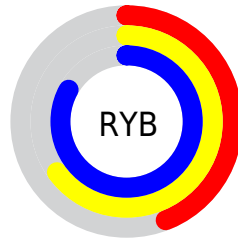
The XYZ color **39.5874, 53.8631, 59.3491** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.4465, 26.7777, 23.6716**, and the grayscale version is **42.9183, 45.1534, 49.1720**.

A 20% lighter version of the original color is **69.1638, 86.7470, 103.5410**, and **17.9873, 26.3742, 28.9536** is the 20% darker color. If you saturate the color by 10%, you get **36.8418, 52.4950, 57.1436**, and if you desaturate by 10%, it is **42.9728, 55.5626, 61.6377**.

Distribution



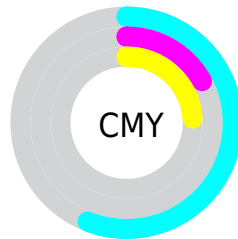
- Red (44%)
- Green (83%)
- Blue (76%)



- Red (44%)
- Yellow (65%)
- Blue (83%)



- Cyan (47%)
- Magenta (0%)
- Yellow (8%)
- Black (17%)



- Cyan (56%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5874, 53.8631, 59.3491 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 39.5874, 53.8631, 59.3491 by changing the saturation by 10% instead.

■ 39.5874, 53.8631,
59.3491

■ 39.5874, 53.8631,
59.3491

335.5458,
401.5878, 439.9322

■ 27.3998, 38.4922,
42.4723

■ 73.8232, 95.8732,
105.4190

■ 18.0118, 26.3649,
29.1430

■ 96.6020, 123.2812,
135.4492

■ 11.0582, 17.0969,
18.9425

■ 123.6419,
155.4704, 170.7010

■ 6.1736, 10.3036,
11.4524

155.3083,
192.8252, 211.5928

■ 2.9926, 5.6007,
6.2540

191.9666,
235.7299, 258.5434

■ 1.1498, 2.6038,
2.9288

233.9820,

■ 0.0662, 0.9286,

284.5690, 311.9711

1.0584

281.7199,
339.7268, 372.2945

■ 0.0000, 0.0000,
0.0000

■ 39.5874, 53.8631,
59.3491

■ 39.5874, 53.8631,
59.3491

■ 36.8418, 52.4950,
57.1436

■ 42.9728, 55.5626,
61.6377

■ 34.6865, 51.4288,
55.0150

■ 47.0340, 57.6079,
64.0078

■ 33.0723, 50.6404,
52.9618


■ 51.8097, 60.0205,
66.4629


■ 31.9395, 50.0991,
50.9809


■ 57.3341, 62.8179,
69.0048


■ 31.2069, 49.7630,
49.0680


■ 63.6396, 66.0168,
71.6354

 31.0457, 49.6906,
48.5787

 70.7563, 69.6328,
74.3565

 77.3364, 72.9709,
77.1053

 77.8143, 73.1620,
79.6217

 78.3024, 73.3573,
82.1921

Harmonies

Analogous

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



40.9233, 53.8631, 42.8628



39.5874, 53.8631, 59.3491



41.1338, 53.8631, 79.3693

Triad

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



39.5874, 53.8631, 59.3491



57.9950, 53.8631, 95.3486



57.5371, 53.8631, 32.3570

Complementary

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



39.5874, 53.8631, 59.3491



36.4465, 26.7777, 23.6716

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.



62.7766, 53.8631, 41.8886



39.5874, 53.8631, 59.3491



63.0565, 53.8631, 77.8981

Square

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



39.5874, 53.8631, 59.3491



51.4396, 53.8631, 102.7058



64.8757, 53.8631, 57.9520



50.9517, 53.8631, 29.4288

Rectangle

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



39.5874, 53.8631, 59.3491



43.6745, 53.8631, 91.5104



64.8757, 53.8631, 57.9520



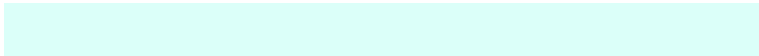
59.5334, 53.8631, 34.7779

Sweetspot

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



39.5889, 53.8652, 59.3504



82.1518, 93.4618, 103.2756



35.2691, 52.4317, 23.3014



17.2036, 19.8122, 21.9249



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.



39.5889, 53.8652, 59.3504



56.4703, 80.5419, 87.6446



34.5020, 40.4585, 67.6213



12.0685, 13.3711, 14.7170



18.7685, 30.0004, 29.4910



1.0728, 1.6868, 1.7721

Inverse Universe

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



36.4465, 26.7777, 23.6716



51.1067, 34.0678, 26.5692



39.5075, 34.5432, 19.6251



11.8896, 11.8406, 12.6944



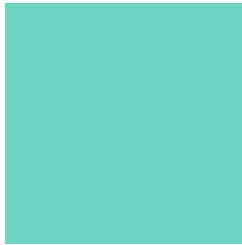
16.4294, 8.4446, 1.9016



0.9445, 0.4825, 0.2426

Previews

White Background



This preview shows how the XYZ color 39.5874, 53.8631, 59.3491 looks on a white background.

Color Contrast Check

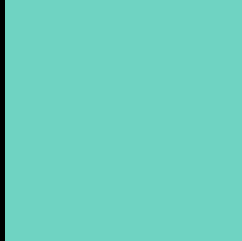
Large Text (above 18pt) WCAG AA × Fail

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 39.5874, 53.8631, 59.3491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

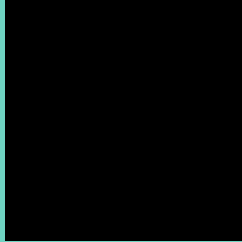
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

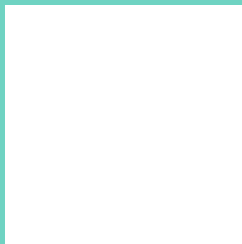
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5874, 53.8631, 59.3491

Background



This preview shows how black text looks on a background with the XYZ color 39.5874, 53.8631, 59.3491.

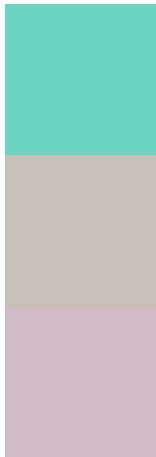


This preview shows how white text looks on a background with the XYZ color 39.5874, 53.8631,

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

39.5874, 53.8631, 59.3491

Protanopia

50.6856, 53.1239, 52.3823

Deuteranopia

54.0916, 53.0741, 61.4262



Tritanopia

43.3778, 53.9464, 77.9385

Trichromacy



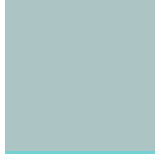
Original Color

39.5874, 53.8631, 59.3491



Protanomaly

45.1189, 52.5417, 54.7772



Deuteranomaly

47.0516, 52.3953, 60.4567



Tritanomaly

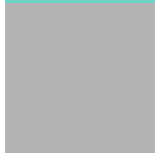
41.7757, 53.6471, 70.4405

Monochromacy



Original Color

39.5874, 53.8631, 59.3491



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

40.6090, 47.5923, 52.3933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5874, 53.8631, 59.3491 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(111, 211, 194)` looks like.

```
.text, #text, p{  
    color:rgb(111, 211, 194)  
}
```

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(111, 211, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 211, 194) }
```

Border

The CSS property to change the border of an element to XYZ 39.5874, 53.8631, 59.3491 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(111, 211, 194) }
```


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

```
.border{ border-color:rgb(111, 211, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 211, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 211, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 211, 194);  
box-shadow:4px 4px 4px 4px rgb(111, 211,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5874, 53.8631, 59.3491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 211, 194) }
```

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

```
.background{ background-color: rgb(111,  
211, 194) }
```

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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