

Converting Colors

XYZ(32.9917, 39.3929, 59.4581)

Have a look what the booklet for
XYZ(32.9917, 39.3929, 59.4581)
contains.

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Color

**XYZ(33.0529, 39.4954,
59.3074)**

Conversions

Conversions Part 1

Format	Color
Hex	72B2C6
RGB	114, 178, 198
RGB Percent	45%, 70%, 78%
CMY	0.5529, 0.3019, 0.2235
CMYK	0.42, 0.10, 0.00, 0.22
HSL	194°, 42%, 61%
HSV	194°, 42%, 78%
XYZ	33.0529, 39.4954, 59.3074
YIQ	161.1440, -44.5640, -7.3480

Conversions

Conversions Part 2

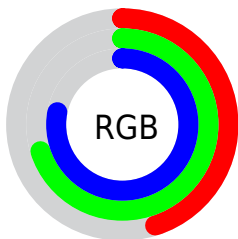
Format	Color
RYB	114, 150, 198
Decimal	7516870
CIELab	69.11, -15.24, -16.60
CIELCh	69, 22.531, 227.443
Yxy	39.4954, 0.2507, 0.2995
Android (android.graphics.Color)	4285706950 (0xFF72B2C6)
YUV	161.1440, 18.1700, -41.3453
Hunter-Lab	62.8454, -16.0991, -11.9604

Details

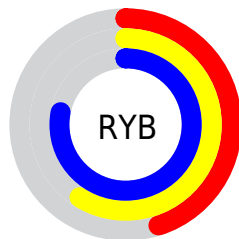
The XYZ color **33.0529, 39.4954, 59.3074** is a light color, and the websafe version is hex **669999**. A complement of this color would be **34.8519, 30.2718, 19.9269**, and the grayscale version is **33.8773, 35.6415, 38.8136**.

A 20% lighter version of the original color is **63.8350, 74.5007, 105.6233**, and **14.1713, 17.6107, 29.0378** is the 20% darker color. If you saturate the color by 10%, you get **29.8293, 36.4658, 58.8932**, and if you desaturate by 10%, it is **36.8687, 42.8799, 59.7603**.

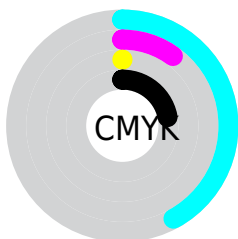
Distribution



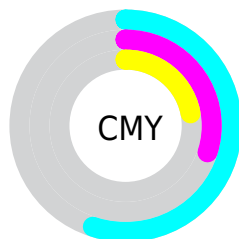
- Red (45%)
- Green (70%)
- Blue (78%)



- Red (45%)
- Yellow (59%)
- Blue (78%)



- Cyan (42%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)



- Cyan (55%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0529, 39.4954, 59.3074 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 33.0529, 39.4954, 59.3074 by changing the saturation by 10% instead.

■ 33.0529, 39.4954,
59.3074

■ 33.0529, 39.4954,
59.3074

307.5488,
343.9921, 439.7737

■ 22.3264, 27.1453,
42.4390

■ 63.8122, 74.3945,
105.3578

■ 14.2149, 17.6824,
29.1170

■ 84.5758, 97.7123,
135.3769

■ 8.3530, 10.7222,
18.9230

■ 109.4157,
125.4549, 170.6166

■ 4.3753, 5.8804,
11.4384

138.6974,
158.0066, 211.4955

■ 1.9166, 2.7725,
6.2447

172.7862,
195.7517, 258.4321

■ 0.5864, 1.0141,
2.9232

212.0475,

■ 0.0000, 0.0000,

239.0748, 311.8450

1.0556

256.8466,
288.3601, 372.1527

■ 0.0000, 0.0000,
0.0000

■ 33.0529, 39.4954,
59.3074

■ 33.0529, 39.4954,
59.3074

■ 29.8293, 36.4658,
58.8932

■ 36.8687, 42.8799,
59.7603

■ 27.1574, 33.7672,
58.5132

■ 41.3063, 46.6324,
60.2507

■ 24.9977, 31.3795,
58.1661

■ 46.3979, 50.7707,
60.7811

■ 23.3031, 29.2779,
57.8498

■ 52.1720, 55.3102,
61.3530

■ 22.0174, 27.4332,
57.5615

■ 58.6556, 60.2652,
61.9677

■ 21.2374, 26.1657,
57.3579

■ 65.8743, 65.6491,
62.6264

■ 73.8521, 71.4750,
63.3304

■ 75.9162, 74.3033,
63.7676

■ 77.1392, 76.7494,
64.1752

Harmonies

Analogous

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



31.3197, 39.4954, 49.2190



33.0529, 39.4954, 59.3074



36.0554, 39.4954, 65.3812

Triad

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



33.0529, 39.4954, 59.3074



44.7032, 39.4954, 47.4559



35.5039, 39.4954, 26.7389

Complementary

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



33.0529, 39.4954, 59.3074



34.8519, 30.2718, 19.9269

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.



39.0631, 39.4954, 26.4218



33.0529, 39.4954, 59.3074



44.5320, 39.4954, 37.3352

Square

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



33.0529, 39.4954, 59.3074



42.8680, 39.4954, 57.8404



42.4141, 39.4954, 30.0007



32.6714, 39.4954, 30.9497

Rectangle

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



33.0529, 39.4954, 59.3074



38.4423, 39.4954, 65.7879



42.4141, 39.4954, 30.0007



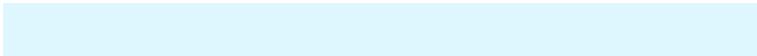
36.6504, 39.4954, 26.2006

Sweetspot

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



33.0541, 39.4969, 59.3083



81.4219, 89.3133, 107.5555



31.4098, 45.6766, 29.5705



16.9776, 18.7549, 22.9752



0.0000, 0.0000, 0.0000



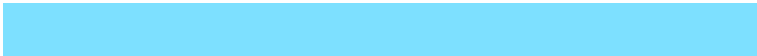
20.3446, 21.4041, 23.3091

Same Dimension

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



33.0541, 39.4969, 59.3083



53.1659, 64.9076, 104.3340



25.9942, 25.3771, 56.9550



10.7245, 11.6230, 13.5957



13.8798, 17.1534, 37.3238



0.7104, 0.9186, 1.7850

Inverse Universe

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



37.3430, 27.2559, 45.4138



62.0269, 41.2984, 75.2498



41.7739, 44.1157, 22.2343



10.9710, 10.7718, 12.8303



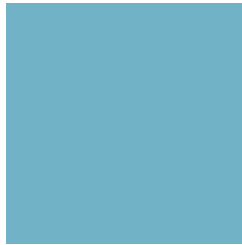
18.8052, 9.2716, 19.9818



0.9173, 0.4498, 1.0876

Previews

White Background



This preview shows how the XYZ color 33.0529, 39.4954, 59.3074 looks on a white background.

Color Contrast Check

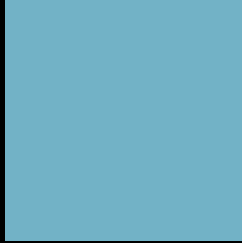
Large Text (above 18pt) WCAG AA × Fail

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 33.0529, 39.4954, 59.3074 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 33.0529, 39.4954, 59.3074

Background



This preview shows how black text looks on a background with the XYZ color 33.0529, 39.4954, 59.3074.



This preview shows how white text looks on a background with the XYZ color 33.0529, 39.4954,

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

33.0529, 39.4954, 59.3074

Protanopia

38.5325, 39.2915, 54.8434

Deuteranopia

39.9665, 39.0928, 60.6975



Tritanopia

32.5558, 39.6012, 56.3800

Trichromacy



Original Color

33.0529, 39.4954, 59.3074

Protanomaly

36.1546, 39.1319, 56.6866

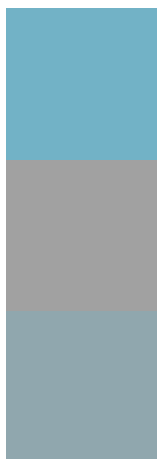
Deuteranomaly

36.8260, 38.8420, 60.1999

Tritanomaly

32.7805, 39.6910, 57.5632

Monochromacy



Original Color

33.0529, 39.4954, 59.3074

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.9603, 36.6227, 45.3761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0529, 39.4954, 59.3074 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(114, 178, 198)` looks like.

```
.text, #text, p{  
    color:rgb(114, 178, 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(114, 178, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 178, 198) }
```

Border

The CSS property to change the border of an element to XYZ 33.0529, 39.4954, 59.3074 is called "border". The border property can be set on classes, ids or directly on the HTML element.

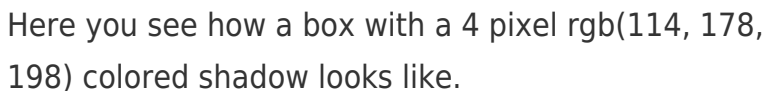
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(114, 178, 198) }
```


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

```
.border{ border-color:rgb(114, 178, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(114, 178, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 178, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 178, 198); box-shadow:4px 4px 4px 4px rgb(114, 178, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0529, 39.4954, 59.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 178, 198) }
```

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

```
.background{ background-color: rgb(114,  
178, 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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