

Converting Colors

XYZ(29.5104, 39.1731, 59.4319)

Have a look what the booklet for
XYZ(29.5104, 39.1731, 59.4319)
contains.

XYZ(29.5104, 39.1731, 59.4319)	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(29.5104, 39.1731,
59.4319)**

Conversions

Conversions Part 1

Format	Color
Hex	44B7C6
RGB	68, 183, 198
RGB Percent	27%, 72%, 78%
CMY	0.7333, 0.2823, 0.2235
CMYK	0.66, 0.08, 0.00, 0.22
HSL	187°, 53%, 52%
HSV	187°, 66%, 78%
XYZ	29.5104, 39.1731, 59.4319
YIQ	150.3250, -73.3550, -19.7150

Conversions

Conversions Part 2

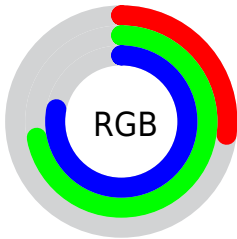
Format	Color
RYB	68, 129, 198
Decimal	4503494
CIELab	68.88, -27.28, -17.11
CIElCh	69, 32.199, 212.100
Yxy	39.1731, 0.2303, 0.3058
Android (android.graphics.Color)	4282693574 (0xFF44B7C6)
YUV	150.3250, 23.5038, -72.1990
Hunter-Lab	62.5884, -25.3671, -12.4879

Details

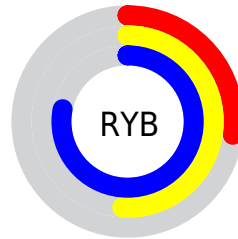
The XYZ color **29.5104, 39.1731, 59.4319** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **27.4263, 18.6108, 7.6167**, and the grayscale version is **29.0544, 30.5675, 33.2880**.

A 20% lighter version of the original color is **58.2766, 73.7783, 105.7769**, and **13.0167, 17.9789, 29.1698** is the 20% darker color. If you saturate the color by 10%, you get **27.8885, 37.6439, 59.2230**, and if you desaturate by 10%, it is **31.6086, 40.9608, 59.6671**.

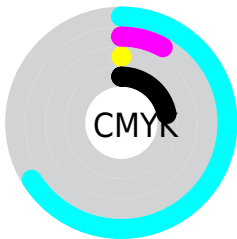
Distribution



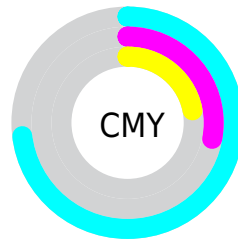
- Red (27%)
- Green (72%)
- Blue (78%)



- Red (27%)
- Yellow (51%)
- Blue (78%)



- Cyan (66%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)



- Cyan (73%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5104, 39.1731, 59.4319 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 29.5104, 39.1731, 59.4319 by changing the saturation by 10% instead.

■ 29.5104, 39.1731,
59.4319

■ 29.5104, 39.1731,
59.4319

■ 291.5666,
342.6259, 440.2470

■ 19.6135, 26.8944,
42.5386

■ 58.2790, 73.9027,
105.5404

■ 12.2210, 17.4939,
29.1945

■ 77.8814, 97.1224,
135.5927

■ 6.9677, 10.5873,
18.9812

■ 101.4497,
124.7578, 170.8684

■ 3.4880, 5.7900,
11.4800

■ 129.3492,
157.1935, 211.7861

■ 1.4168, 2.7178,
6.2725

■ 161.9452,
194.8137, 258.7642

■ 0.2681, 0.9863,
2.9400

199.6033,

■ 0.0000, 0.0000,

238.0030, 312.2214

1.0641

242.6886,
287.1455, 372.5761

■ 0.0000, 0.0000,
0.0000

■ 29.5104, 39.1731,
59.4319

■ 29.5104, 39.1731,
59.4319

■ 27.8885, 37.6439,
59.2230

■ 31.6086, 40.9608,
59.6671

■ 26.6901, 36.3436,
59.0351

■ 34.2217, 43.0246,
59.9277

■ 25.8555, 35.2420,
58.8665

■ 37.3887, 45.3853,
60.2165

■ 25.5536, 34.7980,
58.7967

■ 41.1436, 48.0607,
60.5350

■ 45.5178, 51.0668,
60.8847

■ 50.5402, 54.4187,
61.2669

■ 56.2381, 58.1305,
61.6831

■ 62.6371, 62.2155,
62.1343

■ 69.7616, 66.6862,
62.6217

Harmonies

Analogous

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



28.2473, 39.1731, 43.6929



29.5104, 39.1731, 59.4319



32.8196, 39.1731, 72.6873

Triad

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



29.5104, 39.1731, 59.4319



46.6144, 39.1731, 57.2303



36.8738, 39.1731, 20.2501

Complementary

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



29.5104, 39.1731, 59.4319



27.4263, 18.6108, 7.6167

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.



42.0250, 39.1731, 22.2954



29.5104, 39.1731, 59.4319



47.9465, 39.1731, 41.6294

Square

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



29.5104, 39.1731, 59.4319



42.7051, 39.1731, 71.2252



46.1971, 39.1731, 29.3725



32.2493, 39.1731, 22.9716

Rectangle

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



29.5104, 39.1731, 59.4319



35.8980, 39.1731, 77.0600



46.1971, 39.1731, 29.3725



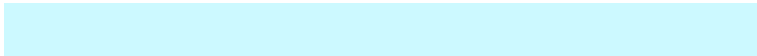
38.6004, 39.1731, 20.4016

Sweetspot

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



29.5116, 39.1746, 59.4328



76.8633, 87.8803, 107.5192



24.0642, 42.2121, 14.6653



15.9864, 18.4889, 22.9761



0.0000, 0.0000, 0.0000



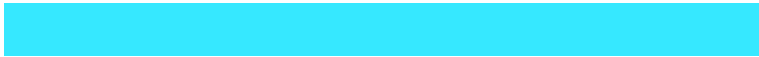
20.3446, 21.4041, 23.3091

Same Dimension

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



29.5116, 39.1746, 59.4328



48.3355, 65.5684, 104.7162



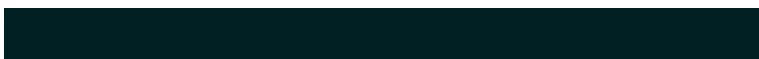
19.2946, 18.7406, 56.0272



10.8382, 11.8505, 13.6336



16.6582, 22.7104, 38.2499



0.8192, 1.1361, 1.8213

Inverse Universe

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



33.9041, 19.5601, 46.7897



57.0693, 29.6690, 78.8819



34.6121, 32.9823, 10.0120



11.0284, 10.7947, 13.1327



20.2076, 9.8326, 27.3670



0.9722, 0.4717, 1.3766

Previews

White Background



This preview shows how the XYZ color 29.5104, 39.1731, 59.4319 looks on a white background.

Color Contrast Check

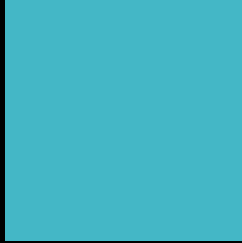
Large Text (above 18pt) WCAG AA × Fail

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 29.5104, 39.1731, 59.4319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

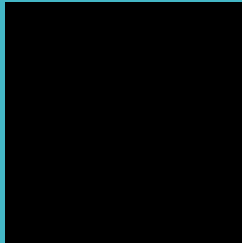
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.5104, 39.1731, 59.4319

Background



This preview shows how black text looks on a background with the XYZ color 29.5104, 39.1731, 59.4319.

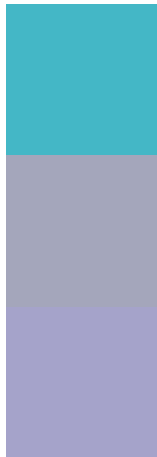


This preview shows how white text looks on a background with the XYZ color 29.5104, 39.1731,

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

29.5104, 39.1731, 59.4319

Protanopia

37.9157, 38.7528, 52.4954

Deuteranopia

39.2749, 38.4580, 61.2302



Tritanopia

29.5104, 39.1731, 59.4319

Trichromacy



Original Color

29.5104, 39.1731, 59.4319

Protanomaly

33.2098, 37.9338, 54.8618

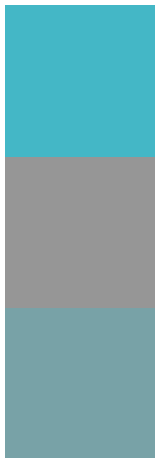
Deuteranomaly

34.1233, 37.7123, 60.7391

Tritanomaly

29.5104, 39.1731, 59.4319

Monochromacy



Original Color

29.5104, 39.1731, 59.4319

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.6411, 32.6238, 41.3994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5104, 39.1731, 59.4319 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(68, 183, 198)` looks like.

```
.text, #text, p{  
    color:rgb(68, 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(68, 183, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 183, 198) }
```

Border

The CSS property to change the border of an element to XYZ 29.5104, 39.1731, 59.4319 is called "border". The border property can be set on classes, ids or directly on the HTML element.

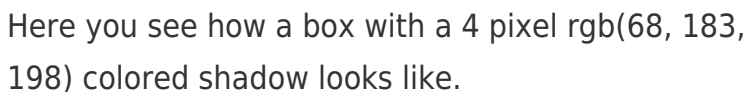
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(68, 183, 198) }
```


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

```
.border{ border-color:rgb(68, 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(68, 183, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(68, 183, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(68, 183, 198); box-shadow:4px 4px 4px 4px rgb(68, 183, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5104, 39.1731, 59.4319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 183, 198) }
```

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

```
.background{ background-color: rgb(68, 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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