

Converting Colors

XYZ(35.8049, 39.7904, 57.4303)

Have a look what the booklet for
XYZ(35.8049, 39.7904, 57.4303)
contains.

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Color

**XYZ(35.8016, 39.7877,
57.4226)**

Conversions

Conversions Part 1

Format	Color
Hex	8CAEC3
RGB	140, 174, 195
RGB Percent	55%, 68%, 76%
CMY	0.4510, 0.3176, 0.2353
CMYK	0.28, 0.11, 0.00, 0.24
HSL	203°, 31%, 66%
HSV	203°, 28%, 76%
XYZ	35.8016, 39.7877, 57.4226
YIQ	166.2280, -27.0050, -0.6770

Conversions

Conversions Part 2

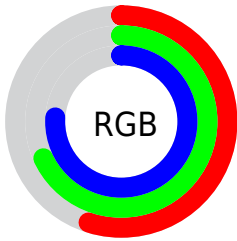
Format	Color
RYB	140, 161, 195
Decimal	9219779
CIELab	69.32, -6.65, -14.49
CIELCh	69, 15.941, 245.334
Yxy	39.7877, 0.2692, 0.2991
Android (android.graphics.Color)	4287409859 (0xFF8CAEC3)
YUV	166.2280, 14.1846, -23.0020
Hunter-Lab	63.0775, -9.0724, -9.8204

Details

The XYZ color **35.8016, 39.7877, 57.4226** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.9847, 38.9856, 30.2295**, and the grayscale version is **36.2996, 38.1900, 41.5889**.

A 20% lighter version of the original color is **68.0957, 74.6690, 102.9190**, and **15.7918, 17.9169, 27.8253** is the 20% darker color. If you saturate the color by 10%, you get **31.4040, 35.4452, 56.8169**, and if you desaturate by 10%, it is **40.8636, 44.5930, 58.0840**.

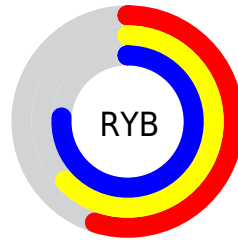
Distribution



Red (55%)

Green (68%)

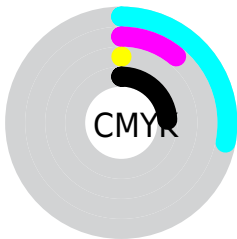
Blue (76%)



Red (55%)

Yellow (63%)

Blue (76%)

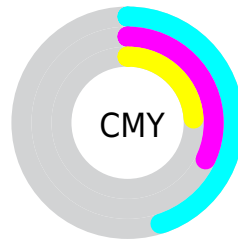


Cyan (28%)

Magenta (11%)

Yellow (0%)

Black (24%)



Cyan (45%)

Magenta (32%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8016, 39.7877, 57.4226 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 35.8016, 39.7877, 57.4226 by changing the saturation by 10% instead.

■ 35.8016, 39.7877,
57.4226

■ 35.8016, 39.7877,
57.4226

319.5389,
345.2279, 432.5690

■ 24.4504, 27.3731,
40.9330

■ 68.0516, 74.8401,
102.5880

■ 15.7946, 17.8536,
27.9474

■ 89.6811, 98.2467,
132.1009

■ 9.4689, 10.8449,
18.0473

■ 115.4675,
126.0860, 166.7920

■ 5.1078, 5.9627,
10.8142

145.7760,
158.7425, 207.0798

■ 2.3461, 2.8224,
5.8294

180.9720,
196.6006, 253.3828

■ 0.8181, 1.0397,
2.6745

221.4210,

■ 0.0000, 0.0000,

240.0445, 306.1197

0.9306

267.4882,
289.4589, 365.7089

■ 0.0000, 0.0000,
0.0000

■ 35.8016, 39.7877,
57.4226

■ 35.8016, 39.7877,
57.4226

■ 31.4040, 35.4452,
56.8169

■ 40.8636, 44.5930,
58.0840

■ 27.6352, 31.5424,
56.2622

■ 46.6161, 49.8735,
58.8000

■ 24.4616, 28.0609,
55.7575

■ 53.0882, 55.6469,
59.5733

■ 21.8444, 24.9788,
55.3005

■ 60.3061, 61.9287,
60.4054

■ 19.7403, 22.2717,
54.8889

■ 68.2946, 68.7332,
61.2977

■ 18.0982, 19.9111,
54.5198

■ 76.3366, 75.6926,
62.2172

■ 16.8403, 17.8547,
54.1891

■ 78.3188, 79.6568,
62.8779

■ 16.6336, 17.5064,
54.1328

■ 80.3888, 83.7969,
63.5679

■ 82.5479, 88.1150,
64.2876

Harmonies

Analogous

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



33.9454, 39.7877, 51.9884



35.8016, 39.7877, 57.4226



38.2760, 39.7877, 58.9124

Triad

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



35.8016, 39.7877, 57.4226



42.9278, 39.7877, 42.0260



35.0436, 39.7877, 32.8182

Complementary

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



35.8016, 39.7877, 57.4226



39.9847, 38.9856, 30.2295

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.



37.3617, 39.7877, 30.7577



35.8016, 39.7877, 57.4226



41.9724, 39.7877, 35.6766

Square

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



35.8016, 39.7877, 57.4226



42.4643, 39.7877, 49.4695



39.9067, 39.7877, 31.7423



33.5218, 39.7877, 37.7062

Rectangle

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



35.8016, 39.7877, 57.4226



39.9605, 39.7877, 57.3390



39.9067, 39.7877, 31.7423



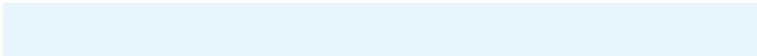
35.7516, 39.7877, 31.7986

Sweetspot

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



35.8028, 39.7893, 57.4235



83.5770, 89.4025, 105.3212



36.6909, 47.1504, 40.5022



17.9383, 19.2481, 23.0198



0.0000, 0.0000, 0.0000



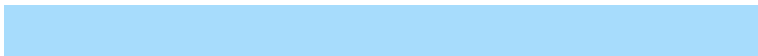
20.3446, 21.4041, 23.3091

Same Dimension

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



35.8028, 39.7893, 57.4235



59.0070, 66.2494, 102.1472



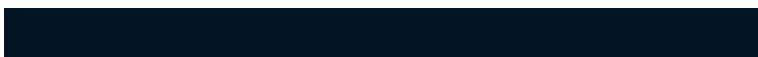
31.1521, 30.4878, 55.8733



10.0351, 10.7615, 12.8331



10.8940, 11.5446, 35.2108



0.5356, 0.6286, 1.5430

Inverse Universe

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



39.5247, 33.4153, 44.4128



66.9326, 53.4272, 74.2730



45.1521, 49.3205, 31.9520



10.3290, 10.1802, 11.8231



16.8948, 8.4477, 12.6239



0.7627, 0.3781, 0.7179

Previews

White Background



This preview shows how the XYZ color 35.8016, 39.7877, 57.4226 looks on a white background.

Color Contrast Check

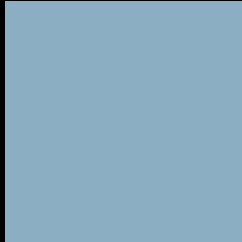
Large Text (above 18pt) WCAG AA × Fail

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 35.8016, 39.7877, 57.4226 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

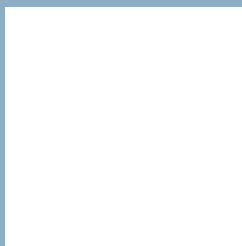
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.8016, 39.7877, 57.4226

Background



This preview shows how black text looks on a background with the XYZ color 35.8016, 39.7877, 57.4226.



This preview shows how white text looks on a background with the XYZ color 35.8016, 39.7877,

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

35.8016, 39.7877, 57.4226

Protanopia

38.9237, 39.7662, 54.9144

Deuteranopia

40.5464, 39.7121, 58.3515



Tritanopia

35.1627, 39.8230, 53.9775

Trichromacy



Original Color

35.8016, 39.7877, 57.4226

Protanomaly

37.5995, 39.6231, 55.5355

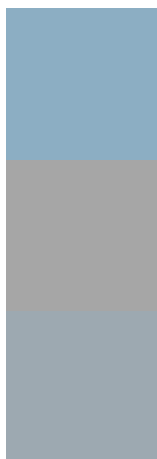
Deuteranomaly

38.4636, 39.4644, 57.8147

Tritanomaly

35.3814, 39.9105, 55.1289

Monochromacy



Original Color

35.8016, 39.7877, 57.4226

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.0284, 38.7184, 47.1695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8016, 39.7877, 57.4226 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(140, 174, 195) looks like.

```
.text, #text, p{  
    color:rgb(140, 174, 195)  
}
```

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(140, 174, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 174, 195) }
```

Border

The CSS property to change the border of an element to XYZ 35.8016, 39.7877, 57.4226 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(140, 174, 195) }
```


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

```
.border{ border-color:rgb(140, 174, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 174, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 174, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 174, 195);  
box-shadow:4px 4px 4px 4px rgb(140, 174,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8016, 39.7877, 57.4226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 174, 195) }
```

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

```
.background{ background-color: rgb(140,  
174, 195) }
```

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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