

Converting Colors

XYZ(35.2578, 38.7713, 96.4548)

Have a look what the booklet for
XYZ(35.2578, 38.7713, 96.4548)
contains.

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Color

**XYZ(35.0639, 38.5519,
96.0357)**

Conversions

Conversions Part 1

Format	Color
Hex	48AEFA
RGB	72, 174, 250
RGB Percent	28%, 68%, 98%
CMY	0.7176, 0.3176, 0.0196
CMYK	0.71, 0.30, 0.00, 0.02
HSL	206°, 95%, 63%
HSV	206°, 71%, 98%
XYZ	35.0639, 38.5519, 96.0357
YIQ	152.1660, -85.1880, 2.0120

Conversions

Conversions Part 2

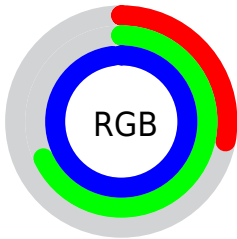
Format	Color
RYB	72, 137, 250
Decimal	4763386
CIELab	68.43, -5.30, -46.24
CIELCh	68, 46.544, 263.459
Yxy	38.5519, 0.2067, 0.2272
Android (android.graphics.Color)	4282953466 (0xFF48AEFA)
YUV	152.1660, 48.2322, -70.3056
Hunter-Lab	62.0902, -7.8543, -48.2415

Details

The XYZ color **35.0639, 38.5519, 96.0357** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **51.1867, 41.9759, 11.5375**, and the grayscale version is **29.7434, 31.2923, 34.0774**.

A 20% lighter version of the original color is **56.8845, 68.8341, 104.8959**, and **16.5852, 17.7693, 53.0078** is the 20% darker color. If you saturate the color by 10%, you get **31.5837, 33.8175, 95.3061**, and if you desaturate by 10%, it is **39.4680, 44.0071, 96.8573**.

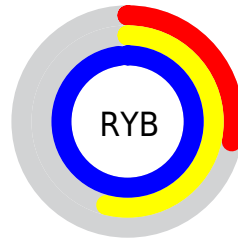
Distribution



Red (28%)

Green (68%)

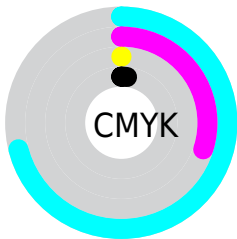
Blue (98%)



Red (28%)

Yellow (54%)

Blue (98%)

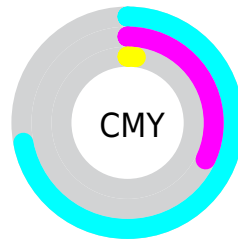


Cyan (71%)

Magenta (30%)

Yellow (0%)

Black (2%)



Cyan (72%)

Magenta (32%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0639, 38.5519, 96.0357 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 35.0639, 38.5519, 96.0357 by changing the saturation by 10% instead.

■ 35.0639, 38.5519,
96.0357

■ 35.0639, 38.5519,
96.0357

316.3534,
339.9816, 568.5442

■ 23.8788, 26.4113,
72.3956

■ 66.9181, 72.9533,
157.7026

■ 15.3680, 17.1316,
52.9931

■ 88.3180, 95.9828,
196.5664

■ 9.1661, 10.3284,
37.4096

■ 113.8535,
123.4109, 241.3420

■ 4.9076, 5.6172,
25.2265

■ 143.8901,
155.6217, 292.4478

■ 2.2274, 2.6137,
16.0253

178.7929,
192.9999, 350.3024

■ 0.7571, 0.9336,
9.3875

218.9276,

■ 0.0000, 0.0000,

235.9296, 415.3243

4.8946

264.6593,
284.7954, 487.9320

■ 0.0000, 0.0000,
2.1279

■ 0.0000, 0.0000,
0.6323

■ 35.0639, 38.5519,
96.0357

■ 35.0639, 38.5519,
96.0357

■ 31.5837, 33.8175,
95.3061

■ 39.4680, 44.0071,
96.8573

■ 28.9210, 29.7417,
94.6597

■ 44.8773, 50.2286,
97.7731

■ 27.1159, 26.6231,
94.1529

■ 51.3681, 57.2617,
98.7885

■ 59.0076, 65.1461,
99.9077

■ 67.8570, 73.9183,
101.1345

■ 77.9732, 83.6125,
102.4725

■ 89.4090, 94.2606,
103.9251

■ 94.2555, 99.6822,
104.7161

Harmonies

Analogous

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



28.8923, 38.5519, 83.3510



35.0639, 38.5519, 96.0357



42.5294, 38.5519, 90.8101

Triad

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



35.0639, 38.5519, 96.0357



51.1129, 38.5519, 27.9006



26.4672, 38.5519, 22.2762

Complementary

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



35.0639, 38.5519, 96.0357



51.1867, 41.9759, 11.5375

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.



31.3255, 38.5519, 14.8134



35.0639, 38.5519, 96.0357



45.6676, 38.5519, 17.2244

Square

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



35.0639, 38.5519, 96.0357



52.4611, 38.5519, 46.7329



38.2676, 38.5519, 13.3345



24.3737, 38.5519, 37.5542

Rectangle

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



35.0639, 38.5519, 96.0357



47.1891, 38.5519, 78.5141



38.2676, 38.5519, 13.3345



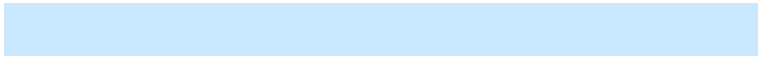
27.7973, 38.5519, 19.0070

Sweetspot

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



35.0653, 38.5532, 96.0367



71.1531, 77.4890, 105.8145



42.0613, 71.8308, 38.9133



14.6528, 16.0216, 22.5701



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.



35.0653, 38.5532, 96.0367



31.8583, 33.6362, 99.4211



23.3246, 15.0718, 92.1231



17.1088, 18.2945, 22.0148



14.5287, 14.4130, 49.9898



1.4507, 1.5452, 4.6650

Inverse Universe

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



49.3831, 28.0167, 42.8503



48.5028, 25.2869, 36.7169



70.3515, 80.3055, 17.9257



17.6615, 17.3919, 20.0731



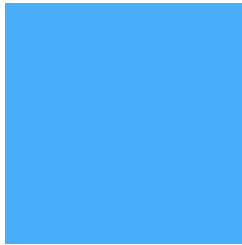
23.6254, 11.8659, 15.2679



2.2412, 1.1202, 1.6935

Previews

White Background



This preview shows how the XYZ color 35.0639, 38.5519, 96.0357 looks on a white background.

Color Contrast Check

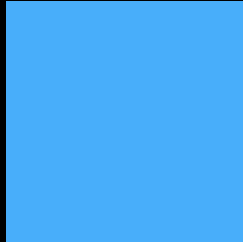
Large Text (above 18pt) WCAG AA × Fail

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 35.0639, 38.5519, 96.0357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

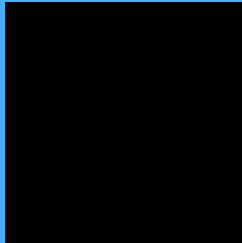
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

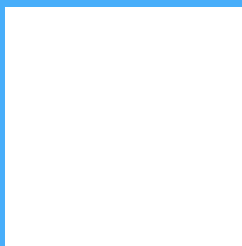
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0639, 38.5519, 96.0357

Background



This preview shows how black text looks on a background with the XYZ color 35.0639, 38.5519, 96.0357.

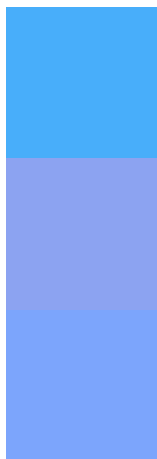


This preview shows how white text looks on a background with the XYZ color 35.0639, 38.5519,

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

35.0639, 38.5519, 96.0357

Protanopia

39.7896, 38.1207, 88.4800

Deuteranopia

39.3380, 38.2236, 97.4000



Tritanopia

27.8753, 38.6241, 60.0188

Trichromacy



Original Color

35.0639, 38.5519, 96.0357

Protanomaly

37.2181, 37.8139, 90.9252

Deuteranomaly

37.2409, 37.9736, 96.6336

Tritanomaly

29.9724, 38.2181, 72.1268

Monochromacy



Original Color

35.0639, 38.5519, 96.0357

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.8163, 32.9834, 52.3719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0639, 38.5519, 96.0357 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(72, 174, 250)` looks like.

```
.text, #text, p{  
    color:rgb(72, 174, 250)  
}
```

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(72, 174, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 174, 250) }
```

Border

The CSS property to change the border of an element to XYZ 35.0639, 38.5519, 96.0357 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(72, 174, 250) }
```


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

```
.border{ border-color:rgb(72, 174, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 174, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 174, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 174, 250);  
box-shadow:4px 4px 4px 4px rgb(72, 174,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0639, 38.5519, 96.0357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 174, 250) }
```

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

```
.background{ background-color: rgb(72, 174,  
250) }
```

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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