

Converting Colors

XYZ(33.1902, 35.6039, 84.4798)

Have a look what the booklet for
XYZ(33.1902, 35.6039, 84.4798)
contains.

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Color

**XYZ(33.1902, 35.6039,
84.4798)**

Conversions

Conversions Part 1

Format	Color
Hex	5CA6EC
RGB	92, 166, 236
RGB Percent	36%, 65%, 93%
CMY	0.6392, 0.3490, 0.0745
CMYK	0.61, 0.30, 0.00, 0.07
HSL	209°, 79%, 64%
HSV	209°, 61%, 93%
XYZ	33.1902, 35.6039, 84.4798
YIQ	151.8540, -66.5740, 6.0820

Conversions

Conversions Part 2

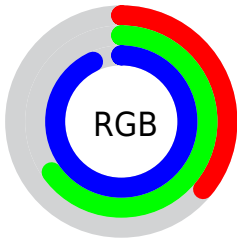
Format	Color
R _Y B	92, 141, 236
Decimal	6072044
CIE Lab	66.22, -2.28, -42.03
CIE LCh	66, 42.088, 266.889
Yxy	35.6039, 0.2165, 0.2323
Android (android.graphics.Color)	4284262124 (0xFF5CA6EC)
YUV	151.8540, 41.4840, -52.4920
Hunter-Lab	59.6690, -5.1322, -42.1749

Details

The XYZ color **33.1902, 35.6039, 84.4798** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **49.4460, 44.4489, 16.1004**, and the grayscale version is **29.6310, 31.1741, 33.9486**.

A 20% lighter version of the original color is **57.0433, 65.7052, 104.2836**, and **14.2681, 15.3364, 45.3882** is the 20% darker color. If you saturate the color by 10%, you get **29.1961, 30.5863, 83.7225**, and if you desaturate by 10%, it is **38.1070, 41.3746, 85.3352**.

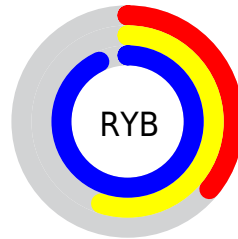
Distribution



Red (36%)

Green (65%)

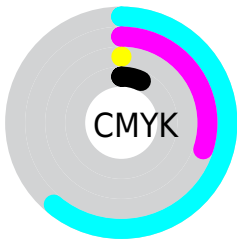
Blue (93%)



Red (36%)

Yellow (55%)

Blue (93%)

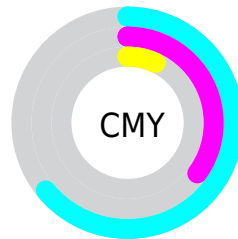


Cyan (61%)

Magenta (30%)

Yellow (0%)

Black (7%)



Cyan (64%)

Magenta (35%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1902, 35.6039, 84.4798 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 33.1902, 35.6039, 84.4798 by changing the saturation by 10% instead.

■ 33.1902, 35.6039,
84.4798

■ 33.1902, 35.6039,
84.4798

308.1558,
327.2259, 530.0048

■ 22.4321, 24.1284,
62.8640

■ 64.0251, 68.4203,
141.5138

■ 14.2931, 15.4289,
45.2909

■ 84.8325, 90.5299,
177.7691

■ 8.4079, 9.1210,
31.3420

■ 109.7206,
116.9531, 219.7413

■ 4.4110, 4.8202,
20.5988

■ 139.0544,
148.0743, 267.8490

■ 1.9372, 2.1421,
12.6426

173.1995,
184.2777, 322.5106

■ 0.5983, 0.6882,
7.0551

212.5212,

■ 0.0000, 0.0000,

225.9479, 384.1448

3.4176

257.3848,
273.4692, 453.1700

■ 0.0000, 0.0000,
1.3116

■ 0.0000, 0.0000,
0.0713

■ 33.1902, 35.6039,
84.4798

■ 33.1902, 35.6039,
84.4798

■ 29.1961, 30.5863,
83.7225

■ 38.1070, 41.3746,
85.3352

■ 26.0452, 26.2718,
83.0558

■ 44.0090, 47.9357,
86.2906

■ 23.6491, 22.6079,
82.4749

■ 50.9572, 55.3259,
87.3508

■ 22.0113, 19.7978,
82.0188

■ 59.0061, 63.5798,
88.5198

■ 68.2065, 72.7298,
89.8010

■ 78.6056, 82.8063,
91.1978

■ 89.4307, 93.4168,
92.6753

■ 92.1405, 98.8362,
93.5786

Harmonies

Analogous

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



27.6720, 35.6039, 75.4799



33.1902, 35.6039, 84.4798



39.5916, 35.6039, 78.4403

Triad

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



33.1902, 35.6039, 84.4798



45.7735, 35.6039, 25.1528



24.7125, 35.6039, 22.7974

Complementary

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



33.1902, 35.6039, 84.4798



49.4460, 44.4489, 16.1004

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.



28.6751, 35.6039, 15.4045



33.1902, 35.6039, 84.4798



40.8635, 35.6039, 16.4399

Square

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



33.1902, 35.6039, 84.4798



47.3642, 35.6039, 40.6713



34.4991, 35.6039, 13.4987



23.1723, 35.6039, 36.9223

Rectangle

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



33.1902, 35.6039, 84.4798



43.4278, 35.6039, 67.4785



34.4991, 35.6039, 13.4987



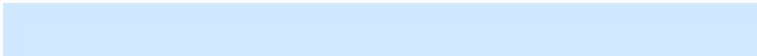
25.7794, 35.6039, 19.6321

Sweetspot

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



33.1915, 35.6051, 84.4807



73.4231, 78.8906, 105.9653



40.8966, 64.8617, 44.3625



15.0603, 16.2275, 22.5884



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.



33.1915, 35.6051, 84.4807



33.8601, 35.2127, 99.6199



23.5939, 16.4100, 81.2815



14.8713, 15.8291, 19.1938



12.2632, 11.1734, 45.2533



1.0592, 1.0700, 3.5856

Inverse Universe

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



45.3033, 28.2419, 39.1409



50.1057, 28.1965, 38.1644



65.8339, 77.2246, 21.5630



15.3886, 15.1833, 17.3317



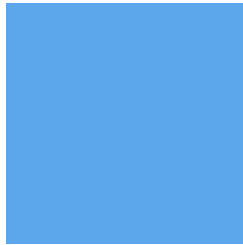
21.0452, 10.6208, 11.3053



1.7012, 0.8534, 1.1437

Previews

White Background



This preview shows how the XYZ color 33.1902, 35.6039, 84.4798 looks on a white background.

Color Contrast Check

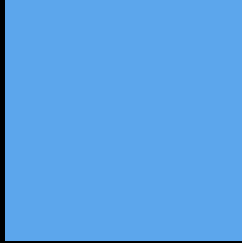
Large Text (above 18pt) WCAG AA × Fail

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 33.1902, 35.6039, 84.4798 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

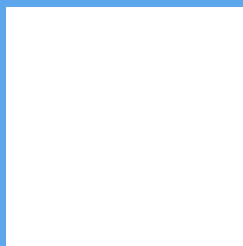
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.1902, 35.6039, 84.4798

Background



This preview shows how black text looks on a background with the XYZ color 33.1902, 35.6039, 84.4798.

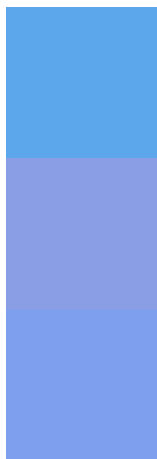


This preview shows how white text looks on a background with the XYZ color 33.1902, 35.6039,

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

33.1902, 35.6039, 84.4798

Protanopia

36.6862, 35.4292, 79.0337

Deuteranopia

36.4349, 35.4049, 85.8024



Tritanopia

27.0411, 35.6362, 53.5974

Trichromacy



Original Color

33.1902, 35.6039, 84.4798

Protanomaly

35.1955, 35.3809, 81.3181

Deuteranomaly

35.1458, 35.5325, 85.1268

Tritanomaly

29.0350, 35.5810, 63.7300

Monochromacy



Original Color

33.1902, 35.6039, 84.4798

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.8101, 32.2787, 49.4590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1902, 35.6039, 84.4798 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(92, 166, 236)` looks like.

```
.text, #text, p{  
    color:rgb(92, 166, 236)  
}
```

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(92, 166, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 166, 236) }
```

Border

The CSS property to change the border of an element to XYZ 33.1902, 35.6039, 84.4798 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(92, 166, 236) }
```


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

```
.border{ border-color:rgb(92, 166, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 166, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 166, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 166, 236);  
box-shadow:4px 4px 4px 4px rgb(92, 166,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1902, 35.6039, 84.4798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 166, 236) }
```

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

```
.background{ background-color: rgb(92, 166,  
236) }
```

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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