

Converting Colors

XYZ(35.1053, 39.4044, 84.0502)

Have a look what the booklet for
XYZ(35.1053, 39.4044, 84.0502)
contains.

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Color

**XYZ(35.1368, 39.4285,
84.3558)**

Conversions

Conversions Part 1

Format	Color
Hex	5EB0EB
RGB	94, 176, 235
RGB Percent	37%, 69%, 92%
CMY	0.6313, 0.3098, 0.0784
CMYK	0.60, 0.25, 0.00, 0.08
HSL	205°, 78%, 65%
HSV	205°, 60%, 92%
XYZ	35.1368, 39.4285, 84.3558
YIQ	158.2080, -67.8110, 0.9650

Conversions

Conversions Part 2

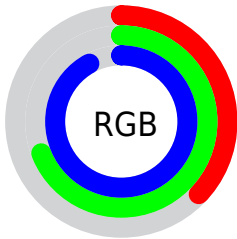
Format	Color
R_{YB}	94, 146, 235
Decimal	6205675
CIE _{Lab}	69.06, -7.79, -37.03
CIE _{LCh}	69, 37.843, 258.118
Yxy	39.4285, 0.2211, 0.2481
Android (android.graphics.Color)	4284395755 (0xFF5EB0EB)
YUV	158.2080, 37.8585, -56.3104
Hunter-Lab	62.7921, -10.0023, -35.6965

Details

The XYZ color **35.1368, 39.4285, 84.3558** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **47.6741, 41.2550, 16.0417**, and the grayscale version is **32.4508, 34.1408, 37.1793**.

A 20% lighter version of the original color is **59.9523, 71.2419, 105.1990**, and **15.4570, 17.7281, 45.2550** is the 20% darker color. If you saturate the color by 10%, you get **31.2250, 34.6531, 83.6410**, and if you desaturate by 10%, it is **39.9244, 44.8641, 85.1534**.

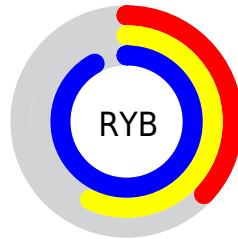
Distribution



Red (37%)

Green (69%)

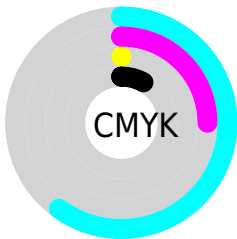
Blue (92%)



Red (37%)

Yellow (57%)

Blue (92%)

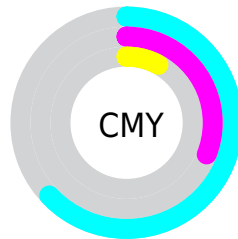


Cyan (60%)

Magenta (25%)

Yellow (0%)

Black (8%)



Cyan (63%)

Magenta (31%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1368, 39.4285, 84.3558 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 35.1368, 39.4285, 84.3558 by changing the saturation by 10% instead.

■ 35.1368, 39.4285,
84.3558

■ 35.1368, 39.4285,
84.3558

316.6692,
343.7089, 529.5829

■ 23.9353, 27.0932,
62.7621

■ 67.0303, 74.2925,
141.3389

■ 15.4101, 17.6433,
45.2091

■ 88.4529, 97.5900,
177.5655

■ 9.1959, 10.6942,
31.2780

■ 114.0133,
125.3103, 219.5068

■ 4.9273, 5.8616,
20.5504

■ 144.0769,
157.8379, 267.5813

■ 2.2390, 2.7611,
12.6077

179.0089,
195.5572, 322.2077

■ 0.7632, 1.0083,
7.0314

219.1747,

■ 0.0000, 0.0000,

238.8525, 383.8044

3.4030

264.9397,
288.1083, 452.7899

■ 0.0000, 0.0000,
1.3039

■ 0.0000, 0.0000,
0.0650

■ 35.1368, 39.4285,
84.3558

■ 35.1368, 39.4285,
84.3558

■ 31.2250, 34.6531,
83.6410

■ 39.9244, 44.8641,
85.1534

■ 28.1130, 30.4923,
83.0019

■ 45.6468, 50.9925,
86.0347

■ 25.7170, 26.8992,
82.4347

■ 52.3622, 57.8486,
87.0041

■ 23.8942, 23.7954,
81.9316

■ 60.1227, 65.4631,
88.0648

■ 23.8937, 23.7945,
81.9315

■ 68.9765, 73.8647,
89.2199

■ 78.9685, 83.0806,
90.4721

■ 88.8388, 92.4647,
91.7632

■ 91.8907, 98.5685,
92.7805

■ 91.9955, 98.7782,
92.8154

Harmonies

Analogous

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



30.2502, 39.4285, 72.7322



35.1368, 39.4285, 84.3558



41.2014, 39.4285, 82.8962

Triad

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



35.1368, 39.4285, 84.3558



49.6217, 39.4285, 33.4031



29.4829, 39.4285, 24.3468

Complementary

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



35.1368, 39.4285, 84.3558



47.6741, 41.2550, 16.0417

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.



33.9815, 39.4285, 18.4581



35.1368, 39.4285, 84.3558



45.7686, 39.4285, 22.6369

Square

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



35.1368, 39.4285, 84.3558



50.0168, 39.4285, 50.1435



39.9160, 39.4285, 17.9302



27.2284, 39.4285, 36.4455

Rectangle

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



35.1368, 39.4285, 84.3558



45.1048, 39.4285, 74.7442



39.9160, 39.4285, 17.9302



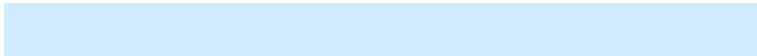
30.7592, 39.4285, 21.7335

Sweetspot

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



35.1382, 39.4299, 84.3568



74.3088, 80.6618, 106.2605



40.0550, 64.0891, 40.2901



15.2764, 16.6595, 22.6604



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.



35.1382, 39.4299, 84.3568



36.6328, 40.4844, 100.4913



24.7414, 18.6363, 80.8912



14.9589, 16.0043, 19.2230



13.4268, 13.5006, 45.6412



1.1490, 1.2495, 3.6155

Inverse Universe

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



46.1013, 28.8037, 44.2054



51.5720, 29.0388, 45.0975



62.7369, 71.3805, 21.0626



15.4328, 15.2010, 17.5645



21.6325, 10.8557, 14.3981



1.7465, 0.8716, 1.3823

Previews

White Background



This preview shows how the XYZ color 35.1368, 39.4285, 84.3558 looks on a white background.

Color Contrast Check

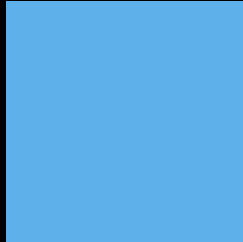
Large Text (above 18pt) WCAG AA × Fail

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 35.1368, 39.4285, 84.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

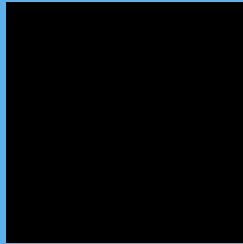
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

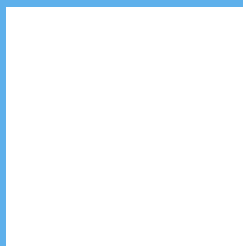
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1368, 39.4285, 84.3558

Background



This preview shows how black text looks on a background with the XYZ color 35.1368, 39.4285, 84.3558.



This preview shows how white text looks on a background with the XYZ color 35.1368, 39.4285,

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

35.1368, 39.4285, 84.3558

Protanopia

39.8979, 38.9403, 78.0864

Deuteranopia

40.0776, 39.1376, 85.5628



Tritanopia

30.1871, 39.5220, 59.4636

Trichromacy



Original Color

35.1368, 39.4285, 84.3558

Protanomaly

37.6768, 38.8349, 80.3730

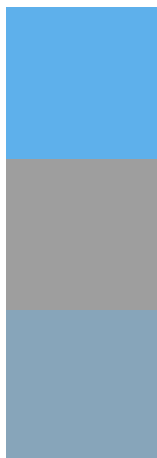
Deuteranomaly

37.9725, 39.1656, 84.9152

Tritanomaly

31.6464, 39.1847, 67.5235

Monochromacy



Original Color

35.1368, 39.4285, 84.3558

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.3097, 35.6063, 51.6242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1368, 39.4285, 84.3558 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(94, 176, 235)` looks like.

```
.text, #text, p{  
    color:rgb(94, 176, 235)  
}
```

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(94, 176, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 176, 235) }
```

Border

The CSS property to change the border of an element to XYZ 35.1368, 39.4285, 84.3558 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(94, 176, 235) }
```


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

```
.border{ border-color:rgb(94, 176, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 176, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 176, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 176, 235);  
box-shadow:4px 4px 4px 4px rgb(94, 176,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1368, 39.4285, 84.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 176, 235) }
```

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

```
.background{ background-color: rgb(94, 176,  
235) }
```

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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