

Converting Colors

XYZ(39.2189, 46.2509, 92.4492)

Have a look what the booklet for
XYZ(39.2189, 46.2509, 92.4492)
contains.

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Color

**XYZ(39.2986, 46.3548,
92.4641)**

Conversions

Conversions Part 1

Format	Color
Hex	59C0F4
RGB	89, 192, 244
RGB Percent	35%, 75%, 96%
CMY	0.6509, 0.2470, 0.0431
CMYK	0.64, 0.21, 0.00, 0.04
HSL	200°, 88%, 65%
HSV	200°, 64%, 96%
XYZ	39.2986, 46.3548, 92.4641
YIQ	167.1310, -78.0800, -5.6640

Conversions

Conversions Part 2

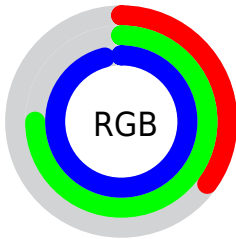
Format	Color
R_{YB}	89, 151, 244
Decimal	5882100
CIE _{Lab}	73.78, -14.47, -34.61
CIE _{LCh}	74, 37.513, 247.310
Yxy	46.3548, 0.2206, 0.2602
Android (android.graphics.Color)	4284072180 (0xFF59C0F4)
YUV	167.1310, 37.8964, -68.5209
Hunter-Lab	68.0844, -16.1166, -32.8616

Details

The XYZ color **39.2986, 46.3548, 92.4641** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **48.6381, 39.0065, 14.4186**, and the grayscale version is **36.6446, 38.5530, 41.9842**.

A 20% lighter version of the original color is **64.5663, 81.0302, 106.8451**, and **18.3097, 22.0961, 50.8769** is the 20% darker color. If you saturate the color by 10%, you get **35.5859, 41.8471, 91.7906**, and if you desaturate by 10%, it is **43.8901, 51.4656, 93.2095**.

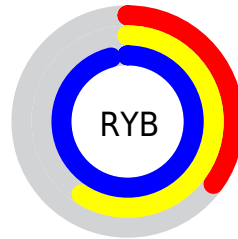
Distribution



Red (35%)

Green (75%)

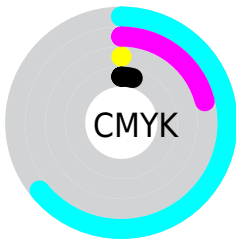
Blue (96%)



Red (35%)

Yellow (59%)

Blue (96%)

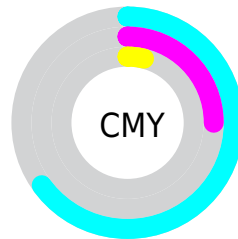


Cyan (64%)

Magenta (21%)

Yellow (0%)

Black (4%)



Cyan (65%)

Magenta (25%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2986, 46.3548, 92.4641 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 39.2986, 46.3548, 92.4641 by changing the saturation by 10% instead.

■ 39.2986, 46.3548,
92.4641

■ 39.2986, 46.3548,
92.4641

334.3437,
372.2332, 556.7899

■ 27.1739, 32.5259,
69.4410

■ 73.3854, 84.7497,
152.7217

■ 17.8411, 21.7635,
50.5969

■ 96.0782, 110.0846,
190.7933

■ 10.9350, 13.6832,
35.5134

■ 123.0244,
140.0235, 234.7182

■ 6.0901, 7.9007,
23.7719

■ 154.5893,
174.9509, 284.9148

■ 2.9411, 4.0315,
14.9539

191.1384,
215.2511, 341.8017

■ 1.1227, 1.6912,
8.6408

233.0369,

■ 0.0440, 0.4179,

261.3087, 405.7975

4.4140

280.6502,
313.5079, 477.3207

■ 0.0000, 0.0000,
1.8551

■ 0.0000, 0.0000,
0.4639

■ 39.2986, 46.3548,
92.4641

■ 39.2986, 46.3548,
92.4641

■ 35.5859, 41.8471,
91.7906

■ 43.8901, 51.4656,
93.2095

■ 32.6655, 37.8931,
91.1813

■ 49.4263, 57.2134,
94.0271

■ 30.4401, 34.4409,
90.6323

■ 55.9718, 63.6345,
94.9215

■ 29.2745, 32.4222,
90.3041

■ 63.5841, 70.7608,
95.8959

■ 72.3157, 78.6217,
96.9529

■ 82.2160, 87.2445,
98.0955

■ 91.5392, 95.7316,
99.2423

■ 93.3293, 99.3117,
99.8390

Harmonies

Analogous

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



34.6330, 46.3548, 76.1431



39.2986, 46.3548, 92.4641



45.7094, 46.3548, 96.3223

Triad

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



39.2986, 46.3548, 92.4641



58.0295, 46.3548, 45.9458



36.7396, 46.3548, 26.5496

Complementary

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



39.2986, 46.3548, 92.4641



48.6381, 39.0065, 14.4186

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.



42.4485, 46.3548, 22.1224



39.2986, 46.3548, 92.4641



55.0564, 46.3548, 31.3369

Square

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



39.2986, 46.3548, 92.4641



56.9696, 46.3548, 65.9929



49.1888, 46.3548, 23.6217



33.2628, 46.3548, 37.5989

Rectangle

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



39.2986, 46.3548, 92.4641



50.2031, 46.3548, 90.6049



49.1888, 46.3548, 23.6217



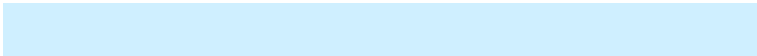
38.4375, 46.3548, 24.3834

Sweetspot

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



39.3002, 46.3565, 92.4652



74.4486, 82.0048, 106.5124



41.2551, 68.7397, 36.1655



15.3580, 17.0291, 22.7274



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.



39.3002, 46.3565, 92.4652



38.3964, 45.0376, 101.2772



26.5625, 20.8811, 88.2194



16.5011, 17.7665, 21.1021



16.0488, 17.8914, 49.1456



1.5050, 1.7614, 4.3509

Inverse Universe

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



50.3964, 30.1854, 53.0409



52.2117, 28.3358, 51.4224



64.2274, 70.1853, 19.6150



16.9635, 16.6683, 19.5544



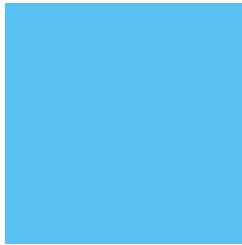
23.9052, 11.9055, 20.0070



2.1487, 1.0655, 2.0096

Previews

White Background



This preview shows how the XYZ color 39.2986, 46.3548, 92.4641 looks on a white background.

Color Contrast Check

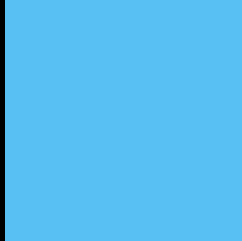
Large Text (above 18pt) WCAG AA × Fail

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 39.2986, 46.3548, 92.4641 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

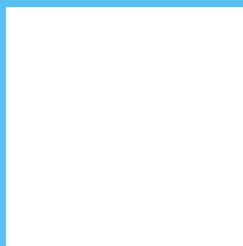
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.2986, 46.3548, 92.4641

Background



This preview shows how black text looks on a background with the XYZ color 39.2986, 46.3548, 92.4641.



This preview shows how white text looks on a background with the XYZ color 39.2986, 46.3548,

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

39.2986, 46.3548, 92.4641

Protanopia

46.2887, 45.7806, 84.2388

Deuteranopia

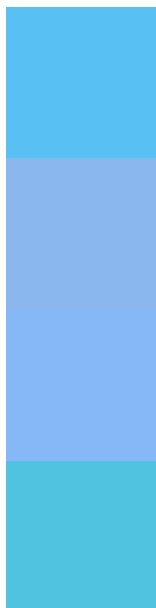
47.0070, 45.9271, 94.3830



Tritanopia

34.8005, 46.1924, 70.0326

Trichromacy



Original Color

39.2986, 46.3548, 92.4641

Protanomaly

42.6826, 45.3584, 87.3943

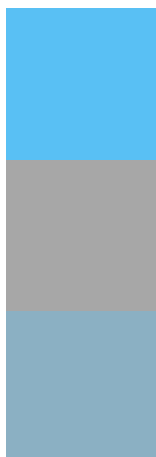
Deuteranomaly

43.3996, 45.5891, 93.7010

Tritanomaly

36.1941, 46.0743, 77.5066

Monochromacy



Original Color

39.2986, 46.3548, 92.4641

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.0231, 40.4798, 57.5445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2986, 46.3548, 92.4641 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(89, 192, 244)` looks like.

```
.text, #text, p{  
    color:rgb(89, 192, 244)  
}
```

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(89, 192, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 192, 244) }
```

Border

The CSS property to change the border of an element to XYZ 39.2986, 46.3548, 92.4641 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(89, 192, 244) }
```


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

```
.border{ border-color:rgb(89, 192, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 192, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 192, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 192, 244);  
box-shadow:4px 4px 4px 4px rgb(89, 192,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2986, 46.3548, 92.4641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 192, 244) }
```

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

```
.background{ background-color: rgb(89, 192,  
244) }
```

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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