

Converting Colors

XYZ(39.0817, 42.7610,
100.8016)

Have a look what the booklet for
XYZ(39.0817, 42.7610, 100.8016)
contains.

XYZ(39.1916, 42.9512, 100.8325)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.1916, 42.9512,
100.8325)**

Conversions

Conversions Part 1

Format	Color
Hex	5CB6FF
RGB	92, 182, 255
RGB Percent	36%, 71%, 100%
CMY	0.6392, 0.2863, 0.0000
CMYK	0.64, 0.29, 0.00, 0.00
HSL	207°, 100%, 68%
HSV	207°, 64%, 100%
XYZ	39.1916, 42.9512, 100.8325
YIQ	163.4120, -77.0730, 3.6230

Conversions

Conversions Part 2

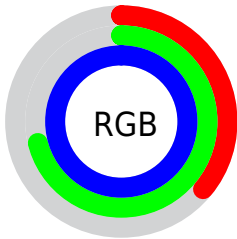
Format	Color
R _Y B	92, 150, 255
Decimal	6076159
CIE Lab	71.52, -5.10, -44.04
CIE LCh	72, 44.338, 263.400
Yxy	42.9512, 0.2142, 0.2347
Android (android.graphics.Color)	4284266239 (0xFF5CB6FF)
YUV	163.4120, 45.1529, -62.6283
Hunter-Lab	65.5372, -7.9460, -45.3449

Details

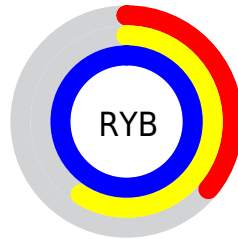
The XYZ color **39.1916, 42.9512, 100.8325** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **56.6286, 48.9458, 16.5902**, and the grayscale version is **34.8285, 36.6422, 39.9034**.

A 20% lighter version of the original color is **62.1421, 75.3376, 105.8741**, and **18.0433, 19.7777, 56.2926** is the 20% darker color. If you saturate the color by 10%, you get **34.8153, 37.3641, 99.9848**, and if you desaturate by 10%, it is **44.6184, 49.3644, 101.7844**.

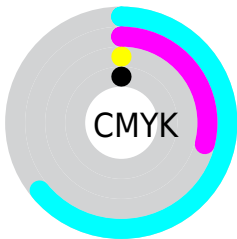
Distribution



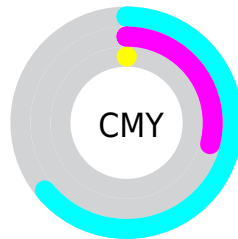
- Red (36%)
- Green (71%)
- Blue (100%)



- Red (36%)
- Yellow (59%)
- Blue (100%)



- Cyan (64%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1916, 42.9512, 100.8325 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 39.1916, 42.9512, 100.8325 by changing the saturation by 10% instead.

■ 39.1916, 42.9512,
100.8325

■ 39.1916, 42.9512,
100.8325

333.8976,
358.4110, 584.1279

■ 27.0902, 29.8468,
76.3752

■ 73.2231, 79.6372,
164.3626

■ 17.7779, 19.7224,
56.2317

■ 95.8840, 103.9876,
204.2725

■ 10.8894, 12.1934,
39.9835

■ 122.7953,
132.8556, 250.1704

■ 6.0592, 6.8755,
27.2120

■ 154.3226,
166.6253, 302.4747

■ 2.9221, 3.3844,
17.4987

190.8311,
205.6814, 361.6041

■ 1.1127, 1.3355,
10.4250

232.6862,

■ 0.0357, 0.1685,

250.4081, 427.9771

5.5723

280.2532,
301.1898, 502.0122

■ 0.0000, 0.0000,
2.5223

■ 0.0000, 0.0000,
0.8519

■ 39.1916, 42.9512,
100.8325

■ 39.1916, 42.9512,
100.8325

■ 34.8153, 37.3641,
99.9848

■ 44.6184, 49.3644,
101.7844

■ 31.3907, 32.5433,
99.2348

■ 51.1732, 56.6482,
102.8448

■ 28.8047, 28.4244,
98.5760

■ 58.9307, 64.8480,
104.0187

■ 27.5446, 26.2092,
98.2149

■ 67.9573, 74.0040,
105.3102

■ 78.3142, 84.1538,
106.7234

■ 90.0587, 95.3326,
108.2622

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



32.8290, 42.9512, 88.2821



39.1916, 42.9512, 100.8325



46.8113, 42.9512, 95.7190

Triad

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



39.1916, 42.9512, 100.8325



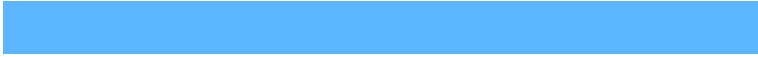
55.5103, 42.9512, 32.2309



30.3241, 42.9512, 26.2423

Complementary

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



39.1916, 42.9512, 100.8325



56.6286, 48.9458, 16.5902

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.



35.3700, 42.9512, 18.2184



39.1916, 42.9512, 100.8325



50.0215, 42.9512, 20.8644

Square

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



39.1916, 42.9512, 100.8325



56.8569, 42.9512, 51.6667



42.5008, 42.9512, 16.6057



28.1295, 42.9512, 42.1865

Rectangle

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



39.1916, 42.9512, 100.8325



51.5340, 42.9512, 83.5682



42.5008, 42.9512, 16.6057



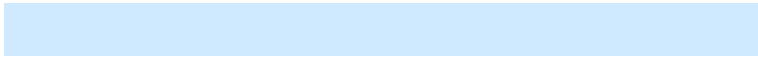
31.7110, 42.9512, 22.7537

Sweetspot

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



39.1930, 42.9526, 100.8327



72.8807, 78.8690, 105.9898



46.7531, 76.4272, 46.7687



14.9781, 16.2692, 22.6008



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.



39.1930, 42.9526, 100.8327



33.6630, 35.7992, 99.7434



27.3025, 19.1716, 96.8692



17.8346, 19.0408, 22.9852



14.5440, 13.9976, 51.3698



1.5252, 1.5811, 5.0381

Inverse Universe

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



53.5117, 32.2934, 47.6701



49.7668, 27.1444, 39.2055



75.5632, 86.8149, 22.9018



18.4292, 18.1550, 20.8771



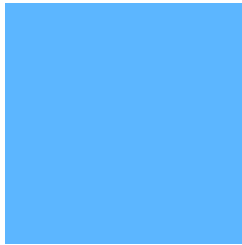
24.1293, 12.1410, 14.5974



2.4045, 1.2042, 1.7113

Previews

White Background



This preview shows how the XYZ color 39.1916, 42.9512, 100.8325 looks on a white background.

Color Contrast Check

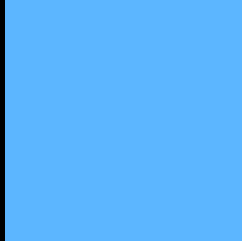
Large Text (above 18pt) WCAG AA × Fail

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 39.1916, 42.9512, 100.8325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

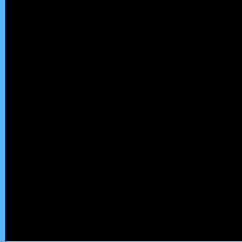
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

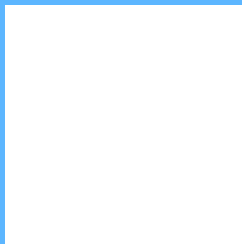
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1916, 42.9512, 100.8325

Background



This preview shows how black text looks on a background with the XYZ color 39.1916, 42.9512, 100.8325.



This preview shows how white text looks on a background with the XYZ color 39.1916, 42.9512,

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

39.1916, 42.9512, 100.8325

Protanopia

44.3035, 42.7998, 93.9218

Deuteranopia

43.6410, 42.5961, 100.5295



Tritanopia

32.2080, 42.9599, 65.6260

Trichromacy



Original Color

39.1916, 42.9512, 100.8325

Protanomaly

41.9866, 42.6986, 96.4712

Deuteranomaly

41.6014, 42.4082, 100.6007

Tritanomaly

34.4183, 42.8848, 76.9846

Monochromacy



Original Color

39.1916, 42.9512, 100.8325

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.6551, 38.0533, 57.7431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1916, 42.9512, 100.8325 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, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(92, 182, 255)  
}
```

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, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 182, 255) }
```

Border

The CSS property to change the border of an element to XYZ 39.1916, 42.9512, 100.8325 is called "border". The border property can be set on classes, ids or directly on the HTML element.

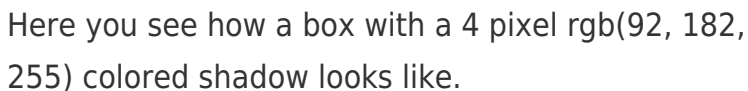
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(92, 182, 255) }
```


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

```
.border{ border-color:rgb(92, 182, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(92, 182, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(92, 182, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(92, 182, 255); box-shadow:4px 4px 4px 4px rgb(92, 182, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1916, 42.9512, 100.8325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 182, 255) }
```

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

```
.background{ background-color: rgb(92, 182,  
255) }
```

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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