

Converting Colors

XYZ(34.1145, 39.3444, 99.9564)

Have a look what the booklet for
XYZ(34.1145, 39.3444, 99.9564)
contains.

XYZ(34.1096, 39.4476, 99.5823)	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(34.1096, 39.4476,
99.5823)**

Conversions

Conversions Part 1

Format	Color
Hex	08B3FE
RGB	8, 179, 254
RGB Percent	3%, 70%, 100%
CMY	0.9683, 0.2980, 0.0039
CMYK	0.97, 0.30, 0.00, 0.00
HSL	198°, 99%, 51%
HSV	198°, 97%, 100%
XYZ	34.1096, 39.4476, 99.5823
YIQ	136.4210, -125.9910, -12.9270

Conversions

Conversions Part 2

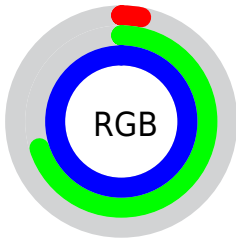
Format	Color
RYB	8, 109, 254
Decimal	570366
CIELab	69.07, -11.38, -47.46
CIELCh	69, 48.801, 256.512
Yxy	39.4476, 0.1970, 0.2278
Android (android.graphics.Color)	4278760446 (0xFF08B3FE)
YUV	136.4210, 57.9664, -112.6252
Hunter-Lab	62.8073, -12.9725, -50.0404

Details

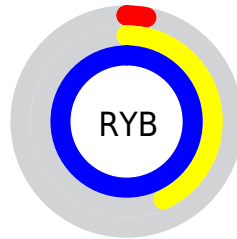
The XYZ color **34.1096, 39.4476, 99.5823** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle saturated azure. A complement of this color would be **44.0163, 27.2860, 3.1786**, and the grayscale version is **23.3912, 24.6094, 26.7996**.

A 20% lighter version of the original color is **54.6978, 70.2141, 105.2775**, and **17.6674, 19.2100, 55.6000** is the 20% darker color. If you saturate the color by 10%, you get **33.5211, 38.4189, 99.4156**, and if you desaturate by 10%, it is **36.2489, 42.9208, 100.1408**.

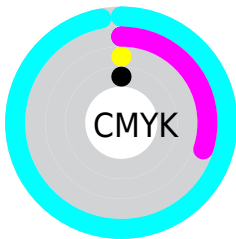
Distribution



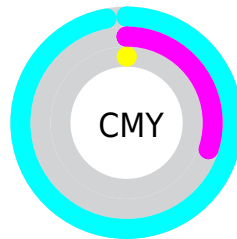
- Red (3%)
- Green (70%)
- Blue (100%)



- Red (3%)
- Yellow (43%)
- Blue (100%)



- Cyan (97%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (97%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1096, 39.4476, 99.5823 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 34.1096, 39.4476, 99.5823 by changing the saturation by 10% instead.

■ 34.1096, 39.4476,
99.5823

■ 34.1096, 39.4476,
99.5823

312.1978,
343.7898, 580.0879

■ 23.1411, 27.1081,
75.3368

■ 65.4472, 74.3216,
162.6299

■ 14.8190, 17.6544,
55.3855

■ 86.5471, 97.6249,
202.2691

■ 8.7779, 10.7022,
39.3097

■ 111.7547,
125.3516, 247.8766

■ 4.6526, 5.8669,
26.6911

■ 141.4356,
157.8861, 299.8710

■ 2.0775, 2.7643,
17.1110

■ 175.9549,
195.6127, 358.6708

■ 0.6770, 1.0100,
10.1508

215.6782,

■ 0.0000, 0.0000,

238.9160, 424.6945

5.3922

260.9707,
288.1802, 498.3607

■ 0.0000, 0.0000,
2.4164

■ 0.0000, 0.0000,
0.7954

■ 34.1096, 39.4476,
99.5823

■ 34.1096, 39.4476,
99.5823

■ 33.5211, 38.4189,
99.4156

■ 36.2489, 42.9208,
100.1408

■ 39.0875, 46.8856,
100.7564

■ 42.7470, 51.4070,
101.4363

■ 47.3223, 56.5361,
102.1852

■ 52.8948, 62.3167,
103.0072

■ 59.5360, 68.7875,
103.9062

■ 67.3106, 75.9838,
104.8855

■ 76.2780, 83.9379,
105.9481

■ 86.4933, 92.6801,
107.0971

Harmonies

Analogous

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



28.1066, 39.4476, 82.1676



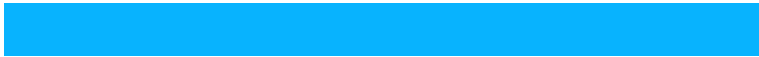
34.1096, 39.4476, 99.5823



41.9113, 39.4476, 98.5599

Triad

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



34.1096, 39.4476, 99.5823



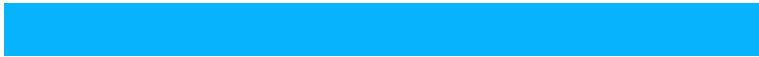
53.7548, 39.4476, 31.8829



27.6481, 39.4476, 19.6878

Complementary

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



34.1096, 39.4476, 99.5823



44.0163, 27.2860, 3.1786

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.



33.3981, 39.4476, 13.5660



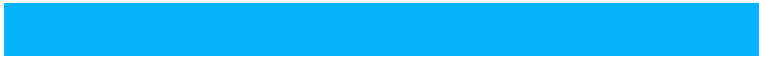
34.1096, 39.4476, 99.5823



48.7680, 39.4476, 18.7519

Square

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



34.1096, 39.4476, 99.5823



54.0152, 39.4476, 53.7469



41.0947, 39.4476, 13.2962



24.7398, 39.4476, 33.7084

Rectangle

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



34.1096, 39.4476, 99.5823



47.1243, 39.4476, 87.4436



41.0947, 39.4476, 13.2962



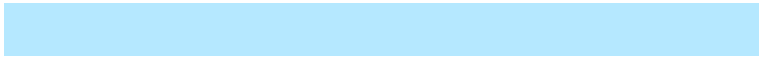
29.2738, 39.4476, 16.8877

Sweetspot

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



34.1111, 39.4489, 99.5833



66.1007, 75.0156, 105.6033



37.0604, 71.5432, 19.8087



13.4247, 15.3888, 22.5127



0.0000, 0.0000, 0.0000



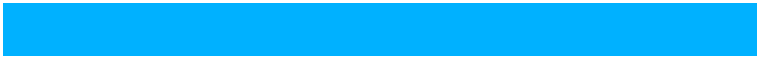
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.1111, 39.4489, 99.5833



33.8186, 38.7572, 100.3062



19.4665, 10.1597, 94.7018



18.0599, 19.4915, 23.0603



17.8089, 20.5275, 52.4581



1.8305, 2.1918, 5.1398

Inverse Universe

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



49.0979, 24.5010, 44.7903



49.1993, 24.4437, 43.8429



62.7047, 64.6629, 9.4081



18.5429, 18.2005, 21.4760



25.7773, 12.8002, 23.2756



2.5586, 1.2658, 2.5229

Previews

White Background



This preview shows how the XYZ color 34.1096, 39.4476, 99.5823 looks on a white background.

Color Contrast Check

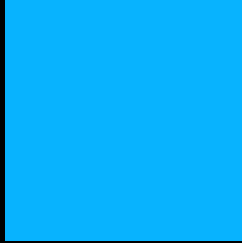
Large Text (above 18pt) WCAG AA × Fail

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 34.1096, 39.4476, 99.5823 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

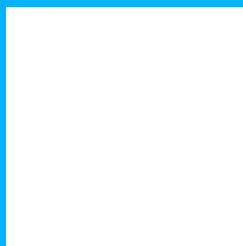
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.1096, 39.4476, 99.5823

Background



This preview shows how black text looks on a background with the XYZ color 34.1096, 39.4476, 99.5823.



This preview shows how white text looks on a background with the XYZ color 34.1096, 39.4476,

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

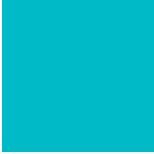
34.1096, 39.4476, 99.5823

Protanopia

40.6375, 39.0719, 89.4042

Deuteranopia

40.1809, 39.1425, 100.0452



Tritanopia

27.9842, 39.2879, 60.7520

Trichromacy



Original Color

34.1096, 39.4476, 99.5823



Protanomaly

35.5235, 37.7304, 92.5992



Deuteranomaly

36.0926, 38.1397, 100.0671



Tritanomaly

29.8893, 39.0536, 73.6729

Monochromacy



Original Color

34.1096, 39.4476, 99.5823



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

23.4847, 27.8350, 46.7827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1096, 39.4476, 99.5823 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(8, 179, 254)` looks like.

```
.text, #text, p{  
    color:rgb(8, 179, 254)  
}
```

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(8, 179, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 179, 254) }
```

Border

The CSS property to change the border of an element to XYZ 34.1096, 39.4476, 99.5823 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(8, 179, 254) }
```


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

```
.border{ border-color:rgb(8, 179, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 179, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 179, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 179, 254);  
box-shadow:4px 4px 4px 4px rgb(8, 179,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1096, 39.4476, 99.5823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 179, 254) }
```

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

```
.background{ background-color: rgb(8, 179,  
254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor