

Converting Colors

YIQ(119.2130, -118.9330,
2.3390)

Have a look what the booklet for
YIQ(119.2130, -118.9330, 2.3390)
contains.

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Color

**YIQ(119.2130, -118.9330,
2.3390)**

Conversions

Conversions Part 1

Format	Color
Hex	0796FF
RGB	7, 150, 255
RGB Percent	3%, 59%, 100%
CMY	0.9725, 0.4115, 0.0006
CMYK	0.97, 0.41, 0.00, 0.00
HSL	205°, 100%, 51%
HSV	205°, 97%, 100%
XYZ	29.0300, 29.0876, 98.5731
YIQ	119.2130, -118.9330, 2.3390

Conversions

Conversions Part 2

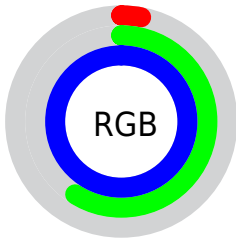
Format	Color
R_{YB}	7, 98, 255
Decimal	497407
CIE _{Lab}	60.86, 5.43, -60.96
CIE _{LCh}	61, 61.204, 275.095
Yxy	29.0876, 0.1853, 0.1856
Android (android.graphics.Color)	4278687487 (0xFF0796FF)
YUV	119.2130, 66.9430, -98.4108
Hunter-Lab	53.9329, 1.6970, -70.6112

Details

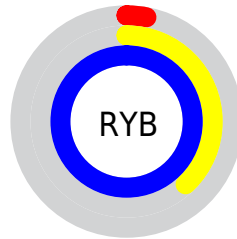
The YIQ color **119.2130, -118.9330, 2.3390** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **142.7870, 118.9330, -2.3390**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **182.6050, -70.6070, -3.4310**, and **81.2720, -91.0580, 9.2780** is the 20% darker color. If you saturate the color by 10%, you get **115.3590, -122.2800, 2.4240**, and if you desaturate by 10%, it is **133.1450, -107.0580, 1.8860**.

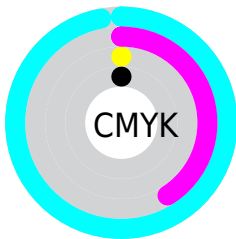
Distribution



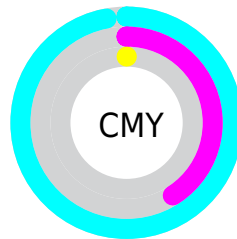
- Red (3%)
- Green (59%)
- Blue (100%)



- Red (3%)
- Yellow (38%)
- Blue (100%)



- Cyan (97%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (97%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.2130, -118.9330, 2.3390 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 YIQ color 119.2130, -118.9330, 2.3390 by changing the saturation by 10% instead.

■ 119.2130,
-118.9330, 2.3390

■ 119.2130,
-118.9330, 2.3390

■ 255.0000, -0.0000,
-0.0000

■ 99.1390,
-106.9210, 4.9110

■ 182.6050,
-70.6070, -3.4310

■ 81.1580, -90.7370,
8.9670

■ 209.2070,
-58.0430, -10.8670

■ 64.5790, -75.7450,
12.5990

■ 232.5750,
-44.7000, -15.9000

■ 48.5870, -61.0280,
15.7080

■ 241.8440,
-26.2240, -9.3280

■ 33.7690, -46.8610,
17.7710

■ 251.4120, -7.1520,
-2.5440

■ 17.4180, -32.5110,
22.0250

■ 11.7470, -23.4320,

17.1760

■ 6.6630, -14.6280,
11.8040

■ 3.0950, -7.3370,
6.3190

■ 119.2130,
-118.9330, 2.3390

■ 119.2130,
-118.9330, 2.3390

■ 115.3590,
-122.2800, 2.4240

■ 133.1450,
-107.0580, 1.8860

■ 147.3760,
-94.5870, 1.6450

■ 160.7210,
-82.4370, 1.7150

■ 174.9520,
-69.9660, 1.4740

■ 188.8840,
-58.0910, 1.0210

■ 203.1150,
-45.6200, 0.7800

■ 216.4600,
-33.4700, 0.8500

■ 230.6910,
-20.9990, 0.6090

■ 244.6230, -9.1240,
0.1560

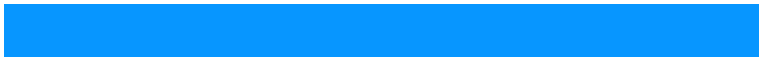
Harmonies

Analogous

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



124.1980, -123.7450, -9.5770



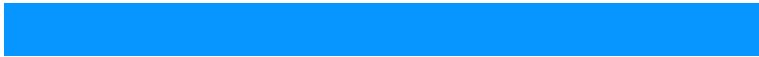
119.2130, -118.9330, 2.3390



149.8800, -15.5960, 40.3720

Triad

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



119.2130, -118.9330, 2.3390



142.8290, 84.7250, 22.9090



110.4890, -78.2540, -57.5980

Complementary

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



119.2130, -118.9330, 2.3390



142.7870, 118.9330, -2.3390

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.



133.0970, 5.2350, -45.3330



119.2130, -118.9330, 2.3390



142.3550, 76.1110, -8.2170

Square

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



119.2130, -118.9330, 2.3390



144.0940, 74.6340, 46.1060



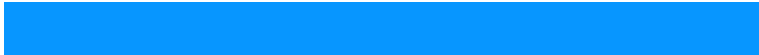
138.4310, 51.4490, -34.8470



118.6340, -97.0550, -41.7510

Rectangle

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



119.2130, -118.9330, 2.3390



150.5660, 23.6950, 49.6710



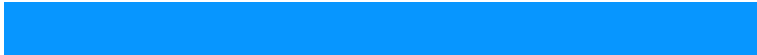
138.4310, 51.4490, -34.8470



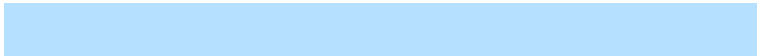
123.5230, -40.0630, -50.3910

Sweetspot

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



119.2130, -118.9330, 2.3390



214.6770, -35.5790, 0.5250



164.3180, -101.2630, -97.6710



103.3920, -21.5950, 0.3970



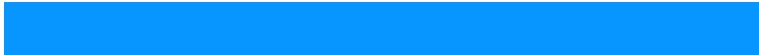
0.0000, 0.0000, 0.0000



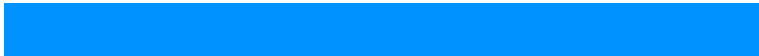
128.0000, -0.0000, -0.0000

Same Dimension

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



119.2130, -118.9330, 2.3390



115.3590, -122.2800, 2.4240



47.5990, -85.3830, 66.1450



120.5910, -6.0980, 0.3820



86.3440, -91.5610, 1.8710



29.0150, -30.7190, 0.5530

Inverse Universe

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



97.4540, 101.9050, 97.0490



93.0030, 104.7930, 99.7770



214.4010, 85.3830, -66.1450



119.6850, 5.5010, 4.9330



69.6490, 78.5260, 74.7020



23.3540, 26.2670, 25.0750

Previews

White Background



This preview shows how the YIQ color 119.2130, -118.9330, 2.3390 looks on a white background.

Color Contrast Check

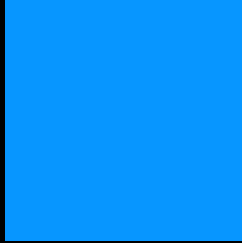
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 119.2130, -118.9330, 2.3390 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 × Fail

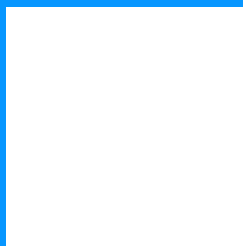
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 119.2130, -118.9330, 2.3390

Background



This preview shows how black text looks on a background with the YIQ color 119.2130, -118.9330, 2.3390.



This preview shows how white text looks on a background with the YIQ color 119.2130, -118.9330,

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

119.2130, -118.9330, 2.3390

Protanopia

141.7110, -58.1410, 23.9630

Deuteranopia

132.0920, -90.3710, 13.3490



Tritanopia

114.8160, -100.0830, -30.9230

Trichromacy



Original Color

119.2130, -118.9330, 2.3390

Protanomaly

133.6480, -80.1930, 16.1190

Deuteranomaly

127.5960, -100.7780, 9.2220

Tritanomaly

116.7850, -106.8250, -18.8650

Monochromacy



Original Color

119.2130, -118.9330, 2.3390

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.7840, -43.1900, 0.7940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.2130, -118.9330, 2.3390 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(7, 150, 255)` looks like.

```
.text, #text, p{  
    color:rgb(7, 150, 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(7, 150, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 150, 255) }
```

Border

The CSS property to change the border of an element to YIQ 119.2130, -118.9330, 2.3390 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(7, 150, 255) }
```


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

```
.border{ border-color:rgb(7, 150, 255) }
```

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

Here you see how a box with a 4 pixel rgb(7, 150, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 150, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 150, 255);  
box-shadow:4px 4px 4px 4px rgb(7, 150,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 119.2130, -118.9330, 2.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 150, 255) }
```

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

```
.background{ background-color: rgb(7, 150,  
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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