

Converting Colors

YIQ(118.3380, -117.7870,
3.5970)

Have a look what the booklet for
YIQ(118.3380, -117.7870, 3.5970)
contains.

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Color

**YIQ(118.3380, -117.7870,
3.5970)**

Conversions

Conversions Part 1

Format	Color
Hex	0894FF
RGB	8, 148, 255
RGB Percent	3%, 58%, 100%
CMY	0.9686, 0.4194, 0.0005
CMYK	0.97, 0.42, 0.00, 0.00
HSL	206°, 100%, 52%
HSV	206°, 97%, 100%
XYZ	28.7259, 28.4605, 98.4687
YIQ	118.3380, -117.7870, 3.5970

Conversions

Conversions Part 2

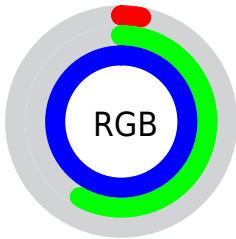
Format	Color
R _Y B	8, 97, 255
Decimal	562431
CIE Lab	60.30, 6.65, -61.85
CIE LCh	60, 62.209, 276.139
Yxy	28.4605, 0.1845, 0.1828
Android (android.graphics.Color)	4278752511 (0xFF0894FF)
YUV	118.3380, 67.3744, -96.7664
Hunter-Lab	53.3484, 2.7551, -72.0917

Details

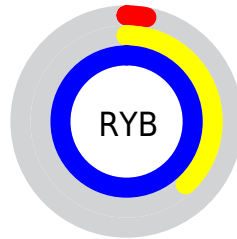
The YIQ color **118.3380, -117.7870, 3.5970** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle saturated azure. A complement of this color would be **144.6620, 117.7870, -3.5970**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **180.8440, -69.7820, -1.8620**, and **80.0980, -90.5080, 10.3240** is the 20% darker color. If you saturate the color by 10%, you get **114.1850, -121.7300, 3.4700**, and if you desaturate by 10%, it is **132.2700, -105.9120, 3.1440**.

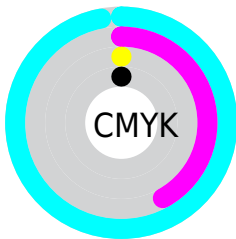
Distribution



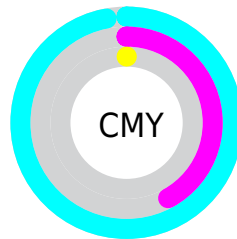
- Red (3%)
- Green (58%)
- Blue (100%)



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



- Cyan (97%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (97%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.3380, -117.7870, 3.5970 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 118.3380, -117.7870, 3.5970 by changing the saturation by 10% instead.

■ 118.3380,
-117.7870, 3.5970

■ 118.3380,
-117.7870, 3.5970

■ 255.0000, -0.0000,
-0.0000

■ 97.9650,
-106.3710, 5.9570

■ 181.4310,
-70.0570, -2.3850

■ 79.9840, -90.1870,
10.0130

■ 207.4460,
-57.2180, -9.2980

■ 63.4050, -75.1950,
13.6450

■ 232.5750,
-44.7000, -15.9000

■ 48.0000, -60.7530,
16.2310

■ 242.1430,
-25.6280, -9.1160

■ 33.1820, -46.5860,
18.2940

■ 251.4120, -7.1520,
-2.5440

■ 15.6570, -31.6860,
23.5940

■ 11.7470, -23.4320,

17.1760

■ 6.6630, -14.6280,
11.8040

■ 3.0950, -7.3370,
6.3190

■ 118.3380,
-117.7870, 3.5970

■ 118.3380,
-117.7870, 3.5970

■ 114.1850,
-121.7300, 3.4700

■ 132.2700,
-105.9120, 3.1440

■ 146.5010,
-93.4410, 2.9030

■ 160.4330,
-81.5660, 2.4500

■ 174.6640,
-69.0950, 2.2090

■ 188.5960,
-57.2200, 1.7560

■ 202.8270,
-44.7490, 1.5150

■ 216.7590,
-32.8740, 1.0620

■ 230.9900,
-20.4030, 0.8210

■ 244.9220, -8.5280,
0.3680

Harmonies

Analogous

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



123.6110, -123.4700, -9.0540



118.3380, -117.7870, 3.5970



148.8910, -14.1290, 41.3190

Triad

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



118.3380, -117.7870, 3.5970



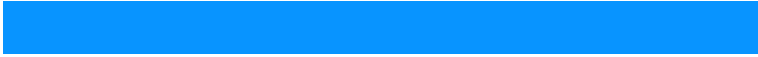
141.4870, 85.6880, 21.9760



109.9020, -77.9790, -57.0750

Complementary

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



118.3380, -117.7870, 3.5970



144.6620, 117.7870, -3.5970

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.



130.7870, 3.1720, -46.4920



118.3380, -117.7870, 3.5970



140.6000, 76.7990, -9.6730

Square

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



118.3380, -117.7870, 3.5970



141.5780, 76.1470, 46.2190



136.1490, 52.1830, -37.1370



118.0470, -96.7800, -41.2280

Rectangle

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



118.3380, -117.7870, 3.5970



148.8760, 25.7580, 50.8300



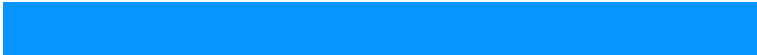
136.1490, 52.1830, -37.1370



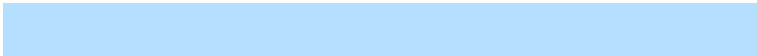
120.1310, -44.8310, -52.0870

Sweetspot

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



118.3380, -117.7870, 3.5970



214.0900, -35.3040, 1.0480



164.7310, -100.9880, -97.1480



102.8050, -21.3200, 0.9200



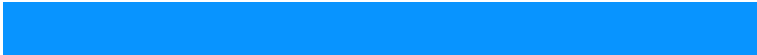
0.0000, 0.0000, 0.0000



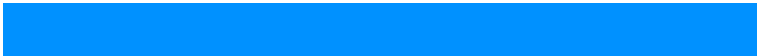
128.0000, -0.0000, -0.0000

Same Dimension

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



118.3380, -117.7870, 3.5970



114.1850, -121.7300, 3.4700



48.4850, -85.0620, 65.8340



120.5910, -6.0980, 0.3820



85.7570, -91.2860, 2.3940



28.4280, -30.4440, 1.0760

Inverse Universe

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



97.8130, 102.2720, 95.9040



92.7750, 105.4350, 99.1550



214.5150, 85.0620, -65.8340



119.6850, 5.5010, 4.9330



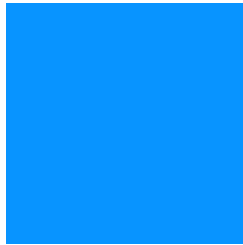
69.5350, 78.8470, 74.3910



23.2400, 26.5880, 24.7640

Previews

White Background



This preview shows how the YIQ color 118.3380, -117.7870, 3.5970 looks on a white background.

Color Contrast Check

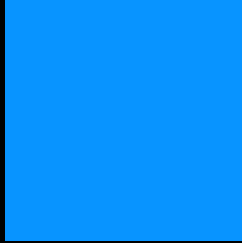
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.3380, -117.7870, 3.5970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

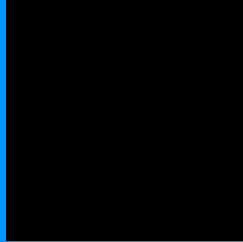
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

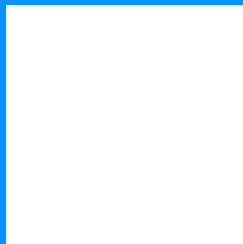
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 118.3380, -117.7870, 3.5970

Background



This preview shows how black text looks on a background with the YIQ color 118.3380, -117.7870, 3.5970.



This preview shows how white text looks on a background with the YIQ color 118.3380, -117.7870,

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

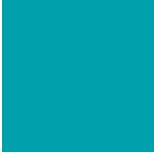
118.3380, -117.7870, 3.5970

Protanopia

140.0420, -60.5710, 23.9490

Deuteranopia

128.5260, -94.5890, 12.6990



Tritanopia

114.1150, -99.4870, -30.7110

Trichromacy



Original Color

118.3380, -117.7870, 3.5970

Protanomaly

132.4630, -81.1100, 16.2180

Deuteranomaly

124.9270, -103.2080, 9.2080

Tritanomaly

115.4970, -105.9540, -18.1300

Monochromacy



Original Color

118.3380, -117.7870, 3.5970

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.1970, -42.9150, 1.3170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.3380, -117.7870, 3.5970 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, 148, 255)` looks like.

```
.text, #text, p{  
    color:rgb(8, 148, 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(8, 148, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 148, 255) }
```

Border

The CSS property to change the border of an element to YIQ 118.3380, -117.7870, 3.5970 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, 148, 255) }
```


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

```
.border{ border-color:rgb(8, 148, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 148, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 148, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 148, 255);  
box-shadow:4px 4px 4px 4px rgb(8, 148,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 118.3380, -117.7870, 3.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 148, 255) }
```

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

```
.background{ background-color: rgb(8, 148,  
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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