

Converting Colors

YIQ(119.8660, -110.4060,
7.4980)

Have a look what the booklet for
YIQ(119.8660, -110.4060, 7.4980)
contains.

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Color

**YIQ(119.8660, -110.4060,
7.4980)**

Conversions

Conversions Part 1

Format	Color
Hex	1391FF
RGB	19, 145, 255
RGB Percent	7%, 57%, 100%
CMY	0.9255, 0.4312, 0.0005
CMYK	0.93, 0.43, 0.00, 0.00
HSL	208°, 100%, 54%
HSV	208°, 93%, 100%
XYZ	28.4295, 27.6163, 98.3272
YIQ	119.8660, -110.4060, 7.4980

Conversions

Conversions Part 2

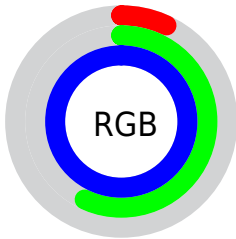
Format	Color
R _Y B	19, 101, 255
Decimal	1282559
CIE Lab	59.54, 8.78, -63.07
CIE LCh	60, 63.682, 277.924
Yxy	27.6163, 0.1842, 0.1789
Android (android.graphics.Color)	4279472639 (0xFF1391FF)
YUV	119.8660, 66.6211, -88.4595
Hunter-Lab	52.5513, 4.6012, -74.1500

Details

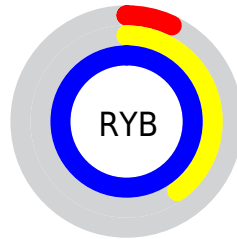
The YIQ color **119.8660, -110.4060, 7.4980** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **154.1340, 110.4060, -7.4980**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **179.6810, -67.7650, 0.1310**, and **78.8100, -89.6370, 11.0590** is the 20% darker color. If you saturate the color by 10%, you get **108.9020, -119.2550, 8.1770**, and if you desaturate by 10%, it is **134.3850, -98.8060, 6.5220**.

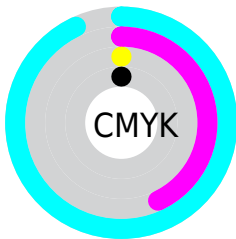
Distribution



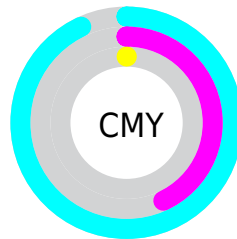
- Red (7%)
- Green (57%)
- Blue (100%)



- Red (7%)
- Yellow (40%)
- Blue (100%)



- Cyan (93%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)



- Cyan (93%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.8660, -110.4060, 7.4980 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 119.8660, -110.4060, 7.4980 by changing the saturation by 10% instead.

■ 119.8660,
-110.4060, 7.4980

■ 119.8660,
-110.4060, 7.4980

■ 255.0000, -0.0000,
-0.0000

■ 96.2040,
-105.5460, 7.5260

■ 179.6810,
-67.7650, 0.1310

■ 78.8100, -89.6370,
11.0590

■ 206.2830,
-55.2010, -7.3050

■ 62.2310, -74.6450,
14.6910

■ 232.8740,
-44.1040, -15.6880

■ 46.1250, -59.6070,
17.4890

■ 242.4420,
-25.0320, -8.9040

■ 32.0080, -46.0360,
19.3400

■ 252.0100, -5.9600,
-2.1200

■ 15.0700, -31.4110,
24.1170

■ 11.6330, -23.1110,

16.8650

■ 6.6630, -14.6280,
11.8040

■ 3.0950, -7.3370,
6.3190

■ 119.8660,
-110.4060, 7.4980

■ 119.8660,
-110.4060, 7.4980

■ 108.9020,
-119.2550, 8.1770

■ 134.3850,
-98.8060, 6.5220

■ 149.2030,
-86.6100, 5.7580

■ 163.7220,
-75.0100, 4.7820

■ 178.5400,
-62.8140, 4.0180

■ 192.4720,
-50.9390, 3.5650

■ 207.2900,
-38.7430, 2.8010

■ 221.8090,
-27.1430, 1.8250

■ 236.6270,
-14.9470, 1.0610

■ 251.1460, -3.3470,
0.0850

Harmonies

Analogous

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



122.6650, -123.5620, -7.3860



119.8660, -110.4060, 7.4980



147.0980, -10.2780, 43.1140

Triad

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



119.8660, -110.4060, 7.4980



138.3300, 87.5680, 20.9440



109.3150, -77.7040, -56.5520

Complementary

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



119.8660, -110.4060, 7.4980



154.1340, 110.4060, -7.4980

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.



127.5800, -0.6790, -48.2870



119.8660, -110.4060, 7.4980



137.9050, 77.2580, -12.4860

Square

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



119.8660, -110.4060, 7.4980



138.9590, 79.4480, 46.9680



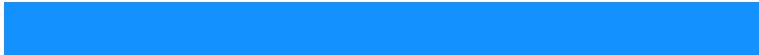
132.8730, 52.7800, -42.4520



117.6880, -97.1470, -40.0830

Rectangle

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



119.8660, -110.4060, 7.4980



146.7840, 29.0130, 52.4130



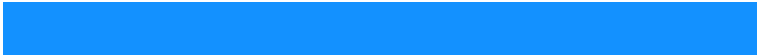
132.8730, 52.7800, -42.4520



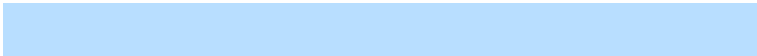
112.8520, -57.3470, -56.5390

Sweetspot

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



119.8660, -110.4060, 7.4980



214.4000, -33.2410, 2.2070



169.6160, -98.9260, -90.4620



102.5170, -20.4490, 1.6550



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.



119.8660, -110.4060, 7.4980



108.9020, -119.2550, 8.1770



52.9480, -79.0560, 67.1200



120.5910, -6.0980, 0.3820



81.6480, -89.3610, 6.0550



27.2540, -29.8940, 2.1220

Inverse Universe

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



103.9280, 100.2100, 89.2180



91.7490, 108.3240, 96.3560



221.0520, 79.0560, -67.1200



119.6850, 5.5010, 4.9330



68.7370, 81.0940, 72.2140



23.0120, 27.2300, 24.1420

Previews

White Background



This preview shows how the YIQ color 119.8660, -110.4060, 7.4980 looks on a white background.

Color Contrast Check

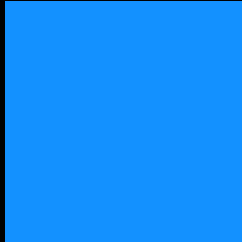
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.8660, -110.4060, 7.4980 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

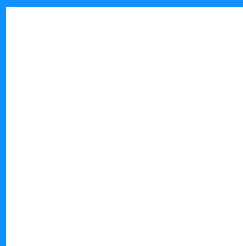
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 119.8660, -110.4060, 7.4980

Background



This preview shows how black text looks on a background with the YIQ color 119.8660, -110.4060, 7.4980.



This preview shows how white text looks on a background with the YIQ color 119.8660, -110.4060,

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

119.8660, -110.4060, 7.4980

Protanopia

137.4870, -63.3220, 24.2460

Deuteranopia

122.8560, -104.4460, 9.6180



Tritanopia

112.0120, -97.6990, -30.0750

Trichromacy



Original Color

119.8660, -110.4060, 7.4980

Protanomaly

130.8160, -80.6060, 18.0980

Deuteranomaly

121.6600, -106.8300, 8.7700

Tritanomaly

114.7040, -102.1030, -16.3350

Monochromacy



Original Color

119.8660, -110.4060, 7.4980

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.8060, -40.2560, 2.6880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.8660, -110.4060, 7.4980 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(19, 145, 255)` looks like.

```
.text, #text, p{  
    color:rgb(19, 145, 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(19, 145, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 145, 255) }
```

Border

The CSS property to change the border of an element to YIQ 119.8660, -110.4060, 7.4980 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(19, 145, 255) }
```


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

```
.border{ border-color:rgb(19, 145, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 145, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 145, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 145, 255);  
box-shadow:4px 4px 4px 4px rgb(19, 145,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 119.8660, -110.4060, 7.4980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 145, 255) }
```

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

```
.background{ background-color: rgb(19, 145,  
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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