

Converting Colors

YIQ(118.9660, -117.2800,
-11.1040)

Have a look what the booklet for
YIQ(118.9660, -117.2800, -11.1040)
contains.

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Color

**YIQ(118.9660, -117.2800,
-11.1040)**

Conversions

Conversions Part 1

Format	Color
Hex	009EE6
RGB	0, 158, 230
RGB Percent	0%, 62%, 90%
CMY	0.9998, 0.3801, 0.0986
CMYK	1.00, 0.31, 0.00, 0.10
HSL	199°, 100%, 45%
HSV	199°, 100%, 90%
XYZ	26.5025, 30.1822, 79.1940
YIQ	118.9660, -117.2800, -11.1040

Conversions

Conversions Part 2

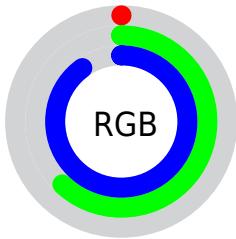
Format	Color
RYB	0, 94, 230
Decimal	40678
CIELab	61.81, -8.74, -45.71
CIELCh	62, 46.534, 259.174
Yxy	30.1822, 0.1950, 0.2221
Android (android.graphics.Color)	4278230758 (0xFF009EE6)
YUV	118.9660, 54.7398, -104.3332
Hunter-Lab	54.9383, -10.0328, -47.0102

Details

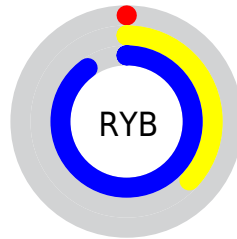
The YIQ color **118.9660, -117.2800, -11.1040** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **111.0340, 117.2800, 11.1040**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **185.2080, -76.9790, -9.0990**, and **82.6450, -85.2790, -1.8470** is the 20% darker color. If you saturate the color by 10%, you get **118.9660, -117.2800, -11.1040**, and if you desaturate by 10%, it is **129.9520, -105.4970, -9.8890**.

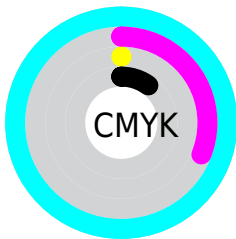
Distribution



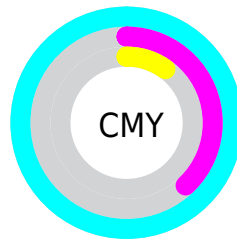
- Red (0%)
- Green (62%)
- Blue (90%)



- Red (0%)
- Yellow (37%)
- Blue (90%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (38%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.9660, -117.2800, -11.1040 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 118.9660, -117.2800, -11.1040 by changing the saturation by 10% instead.

■ 118.9660,
-117.2800, -11.1040

■ 118.9660,
-117.2800, -11.1040

■ 255.0000, -0.0000,
-0.0000

■ 100.5120,
-101.1420, -6.2140

■ 185.2080,
-76.9790, -9.0990

■ 82.6450, -85.2790,
-1.8470

■ 212.0980,
-65.2860, -17.2700

■ 65.4790, -70.0120,
2.3080

■ 229.8840,
-50.0640, -17.8080

■ 49.0140, -55.3410,
6.2510

■ 239.1530,
-31.5880, -11.2360

■ 33.8370, -41.5410,
9.4590

■ 248.7210,
-12.5160, -4.4520

■ 19.2470, -28.0160,
12.1440

■ 7.8200, -16.5080,

12.8360

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 118.9660,
-117.2800, -11.1040

■ 129.9520,
-105.4970, -9.8890

■ 140.9380,
-93.7140, -8.6740

■ 152.5110,
-82.2060, -7.9820

■ 163.4970,
-70.4230, -6.7670

■ 174.4830,
-58.6400, -5.5520

■ 185.4690,
-46.8570, -4.3370

■ 196.4550,
-35.0740, -3.1220

■ 208.0280,
-23.5660, -2.4300

■ 219.0140,
-11.7830, -1.2150

Harmonies

Analogous

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



122.0830, -113.6560, -21.7200



118.9660, -117.2800, -11.1040



148.6780, -36.1790, 22.4210

Triad

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



118.9660, -117.2800, -11.1040



150.1010, 63.5880, 26.0200



136.7700, -15.3530, -35.6490

Complementary

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



118.9660, -117.2800, -11.1040



111.0340, 117.2800, 11.1040

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.



142.9890, 23.7550, -28.5410



118.9660, -117.2800, -11.1040



148.8660, 64.9670, 6.5270

Square

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



118.9660, -117.2800, -11.1040



152.1980, 44.7420, 37.1740



146.4920, 50.6200, -14.3080



115.4470, -86.4630, -46.4870

Rectangle

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



118.9660, -117.2800, -11.1040



152.8840, -4.2240, 32.5120



146.4920, 50.6200, -14.3080



139.5390, -1.4610, -34.1090

Sweetspot

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



118.9660, -117.2800, -11.1040



218.1880, -38.6960, -3.5600



142.8760, -85.3990, -98.8310



105.4410, -23.2910, -1.9070



0.0000, 0.0000, 0.0000



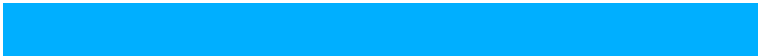
128.0000, -0.0000, -0.0000

Same Dimension

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



118.9660, -117.2800, -11.1040



131.7950, -129.9800, -12.2200



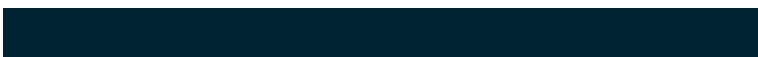
53.2220, -86.4800, 47.4720



109.0640, -6.0520, -0.4520



92.6070, -91.2840, -8.6600



26.3590, -25.9960, -2.4440

Inverse Universe

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



86.7820, 86.3620, 97.8980



96.1950, 95.8050, 108.4850



176.7780, 86.4800, -47.4720



107.5000, 4.5840, 5.0320



67.5430, 67.2010, 76.2010



19.2390, 19.1610, 21.6970

Previews

White Background



This preview shows how the YIQ color 118.9660, -117.2800, -11.1040 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 YIQ color 118.9660, -117.2800, -11.1040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

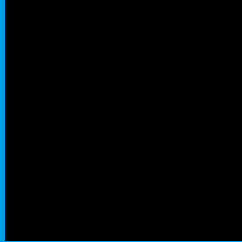
Any Text WCAG AA ✓ Pass

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](#).

YIQ 118.9660, -117.2800, -11.1040 Background



This preview shows how black text looks on a background with the YIQ color 118.9660, -117.2800, -11.1040.



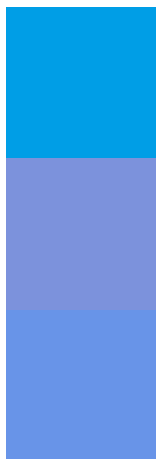
This preview shows how white text looks on a background with the YIQ color 118.9660, -117.2800, -11.1040.

-11.1040.

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

118.9660, -117.2800, -11.1040

Protanopia

147.8580, -36.8660, 18.3500

Deuteranopia

144.4200, -53.1880, 16.7960



Tritanopia

117.0330, -102.1920, -31.2480

Trichromacy



Original Color

118.9660, -117.2800, -11.1040

Protanomaly

137.2070, -66.0700, 7.9620

Deuteranomaly

135.2920, -76.6150, 6.3370

Tritanomaly

117.4380, -107.4660, -23.7700

Monochromacy



Original Color

118.9660, -117.2800, -11.1040

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.9210, -42.3180, -3.9980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.9660, -117.2800, -11.1040 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(0, 158, 230)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 230)  
}
```

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(0, 158, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 230) }
```

Border

The CSS property to change the border of an element to YIQ 118.9660, -117.2800, -11.1040 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(0, 158, 230) }
```


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

```
.border{ border-color:rgb(0, 158, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 158, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 158, 230);  
box-shadow:4px 4px 4px 4px rgb(0, 158,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 118.9660, -117.2800, -11.1040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 158, 230) }
```

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

```
.background{ background-color: rgb(0, 158,  
230) }
```

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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