

Converting Colors

YIQ(111.5460, -115.6770,
-1.6050)

Have a look what the booklet for
YIQ(111.5460, -115.6770, -1.6050)
contains.

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Color

**YIQ(111.5460, -115.6770,
-1.6050)**

Conversions

Conversions Part 1

Format	Color
Hex	0090ED
RGB	0, 144, 237
RGB Percent	0%, 56%, 93%
CMY	0.9997, 0.4351, 0.0711
CMYK	1.00, 0.39, 0.00, 0.07
HSL	204°, 100%, 46%
HSV	204°, 100%, 93%
XYZ	25.2487, 26.0714, 83.7186
YIQ	111.5460, -115.6770, -1.6050

Conversions

Conversions Part 2

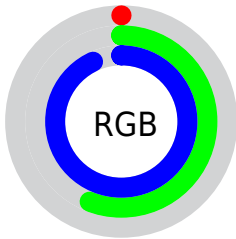
Format	Color
RYB	0, 90, 237
Decimal	37101
CIELab	58.10, 2.00, -55.46
CIElCh	58, 55.494, 272.066
Yxy	26.0714, 0.1870, 0.1931
Android (android.graphics.Color)	4278227181 (0xFF0090ED)
YUV	111.5460, 61.8488, -97.8258
Hunter-Lab	51.0602, -1.0890, -61.4701

Details

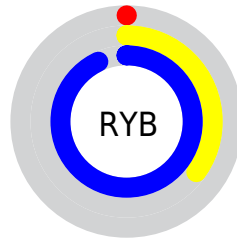
The YIQ color **111.5460, -115.6770, -1.6050** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **125.4540, 115.6770, 1.6050**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **176.7020, -72.2580, -1.0420**, and **75.6980, -83.6300, 6.8180** is the 20% darker color. If you saturate the color by 10%, you get **111.5460, -115.6770, -1.6050**, and if you desaturate by 10%, it is **124.0050, -103.8480, -1.2240**.

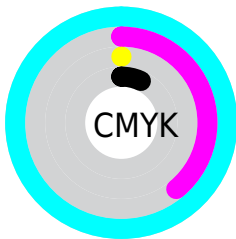
Distribution



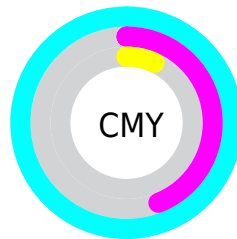
- Red (0%)
- Green (56%)
- Blue (93%)



- Red (0%)
- Yellow (35%)
- Blue (93%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (44%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.5460, -115.6770, -1.6050 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 111.5460, -115.6770, -1.6050 by changing the saturation by 10% instead.

■ 111.5460,
-115.6770, -1.6050

■ 111.5460,
-115.6770, -1.6050

■ 255.0000, -0.0000,
-0.0000

■ 93.5650, -99.4930,
2.4510

■ 176.7020,
-72.2580, -1.0420

■ 75.6980, -83.6300,
6.8180

■ 203.3040,
-59.6940, -8.4780

■ 59.1190, -68.6380,
10.4500

■ 229.8950,
-48.5970, -16.8610

■ 43.8280, -54.5170,
13.3470

■ 239.7510,
-30.3960, -10.8120

■ 29.1240, -40.6710,
15.7210

■ 249.0200,
-11.9200, -4.2400

■ 13.9470, -26.8710,
18.9290

■ 8.9770, -18.3880,

13.8680

■ 4.7080, -10.5010,
8.5950

■ 0.1140, -0.3210,
0.3110

■ 111.5460,
-115.6770, -1.6050

■ 124.0050,
-103.8480, -1.2240

■ 136.7520,
-92.8900, -1.5780

■ 149.2110,
-81.0610, -1.1970

■ 161.6700,
-69.2320, -0.8160

■ 173.8300,
-57.9990, -0.6470

■ 186.8760,
-46.4450, -0.7890

■ 199.3350,
-34.6160, -0.4080

■ 211.7940,
-22.7870, -0.0270

■ 224.5410,
-11.8290, -0.3810

Harmonies

Analogous

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



117.2220, -115.1250, -11.6130



111.5460, -115.6770, -1.6050



142.0380, -19.2170, 34.4070

Triad

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



111.5460, -115.6770, -1.6050



137.2240, 76.2430, 22.4430



113.9760, -54.4600, -48.2840

Complementary

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



111.5460, -115.6770, -1.6050



125.4540, 115.6770, 1.6050

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.



128.8250, 9.1770, -39.6790



111.5460, -115.6770, -1.6050



136.4670, 70.1040, -3.9760

Square

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



111.5460, -115.6770, -1.6050



138.4840, 64.5480, 41.6680



133.0920, 48.3300, -27.8780



111.8690, -90.4070, -41.0870

Rectangle

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



111.5460, -115.6770, -1.6050



143.5710, 16.1310, 43.5790



133.0920, 48.3300, -27.8780



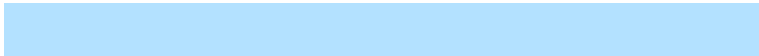
121.5680, -26.7680, -43.5360

Sweetspot

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



111.5460, -115.6770, -1.6050



214.6660, -37.0460, -0.4220



149.4930, -94.3860, -95.6500



103.6800, -22.4660, -0.3380



0.0000, 0.0000, 0.0000



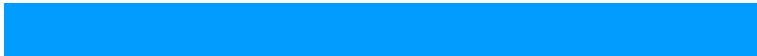
128.0000, -0.0000, -0.0000

Same Dimension

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



111.5460, -115.6770, -1.6050



120.0550, -124.4800, -1.7600



43.4540, -83.7770, 59.0630



111.3630, -5.4560, -0.2400



85.2040, -88.3510, -1.2390



25.5270, -26.4090, -0.4650

Inverse Universe

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



87.2790, 95.0280, 95.0280



93.9150, 102.2250, 102.2650



193.5460, 83.7770, -59.0630



110.0870, 4.3090, 4.5090



66.6590, 72.5660, 72.5820



19.9080, 21.5910, 21.7110

Previews

White Background



This preview shows how the YIQ color 111.5460, -115.6770, -1.6050 looks on a white background.

Color Contrast Check

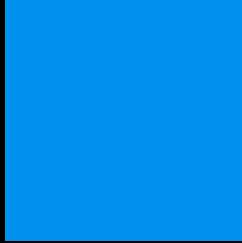
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.5460, -115.6770, -1.6050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

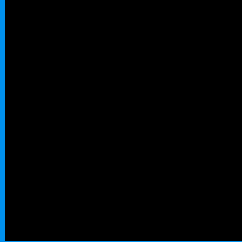
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

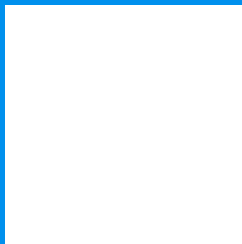
Any Text WCAG AAA × Fail

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

YIQ 111.5460, -115.6770, -1.6050 Background



This preview shows how black text looks on a background with the YIQ color 111.5460, -115.6770, -1.6050.



This preview shows how white text looks on a background with the YIQ color 111.5460, -115.6770,

-1.6050.

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

111.5460, -115.6770, -1.6050

Protanopia

136.1370, -50.7130, 21.5030

Deuteranopia

128.7470, -76.1580, 14.5780



Tritanopia

109.2080, -95.3150, -29.2270

Trichromacy



Original Color

111.5460, -115.6770, -1.6050

Protanomaly

127.1770, -74.5530, 13.0230

Deuteranomaly

122.1580, -90.7370, 8.9670

Tritanomaly

109.8240, -102.5610, -19.0490

Monochromacy



Original Color

111.5460, -115.6770, -1.6050

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.9150, -42.1810, -0.9730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.5460, -115.6770, -1.6050 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, 144, 237)` looks like.

```
.text, #text, p{  
    color:rgb(0, 144, 237)  
}
```

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, 144, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 144, 237) }
```

Border

The CSS property to change the border of an element to YIQ 111.5460, -115.6770, -1.6050 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, 144, 237) }
```


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

```
.border{ border-color:rgb(0, 144, 237) }
```

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

Here you see how a box with a 4 pixel rgb(0, 144, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 144, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 144, 237);  
box-shadow:4px 4px 4px 4px rgb(0, 144,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 111.5460, -115.6770, -1.6050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 144, 237) }
```

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

```
.background{ background-color: rgb(0, 144,  
237) }
```

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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