

Converting Colors

YIQ(96.5290, -107.8390,
10.5370)

Have a look what the booklet for
YIQ(96.5290, -107.8390, 10.5370)
contains.

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Color

**YIQ(96.5290, -107.8390,
10.5370)**

Conversions

Conversions Part 1

Format	Color
Hex	0077EA
RGB	0, 119, 234
RGB Percent	0%, 47%, 92%
CMY	0.9998, 0.5331, 0.0829
CMYK	1.00, 0.49, 0.00, 0.08
HSL	209°, 100%, 46%
HSV	209°, 100%, 92%
XYZ	21.4352, 19.1386, 80.3070
YIQ	96.5290, -107.8390, 10.5370

Conversions

Conversions Part 2

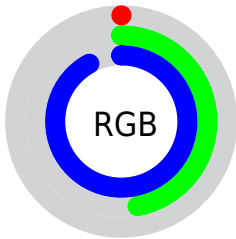
Format	Color
RYB	0, 79, 234
Decimal	30698
CIELab	50.85, 16.20, -65.44
CIELCh	51, 67.420, 283.906
Yxy	19.1386, 0.1773, 0.1583
Android (android.graphics.Color)	4278220778 (0xFF0077EA)
YUV	96.5290, 67.7732, -84.6559
Hunter-Lab	43.7477, 10.9017, -78.2145

Details

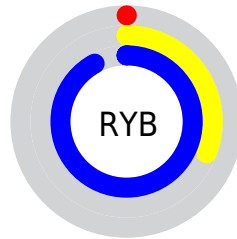
The YIQ color **96.5290, -107.8390, 10.5370** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **137.4710, 107.8390, -10.5370**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.8530, -64.8330, 13.0790**, and **62.4420, -76.6170, 17.3910** is the 20% darker color. If you saturate the color by 10%, you get **96.5290, -107.8390, 10.5370**, and if you desaturate by 10%, it is **110.4500, -97.4310, 9.1370**.

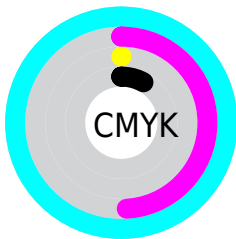
Distribution



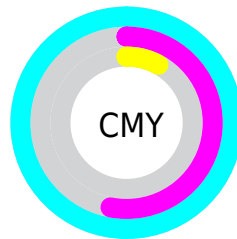
- Red (0%)
- Green (47%)
- Blue (92%)



- Red (0%)
- Yellow (31%)
- Blue (92%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (53%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.5290, -107.8390, 10.5370 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 96.5290, -107.8390, 10.5370 by changing the saturation by 10% instead.

■ 96.5290,
-107.8390, 10.5370

■ 96.5290,
-107.8390, 10.5370

■ 255.0000, -0.0000,
-0.0000

■ 79.1350, -91.9300,
14.0700

■ 161.4400,
-65.1080, 12.5560

■ 62.4420, -76.6170,
17.3910

■ 187.1560,
-52.8650, 5.4310

■ 47.0370, -62.1750,
19.9770

■ 212.5730,
-41.2180, -1.9060

■ 32.8060, -48.2830,
21.5170

■ 238.8650,
-30.7170, -10.5010

■ 14.6940, -33.1080,
27.3400

■ 249.0200,
-11.9200, -4.2400

■ 13.6050, -25.9080,
17.9960

■ 7.9340, -16.8290,

13.1470

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,
0.0000

■ 96.5290,
-107.8390, 10.5370

■ 110.4500,
-97.4310, 9.1370

■ 124.0830,
-86.1520, 8.4720

■ 138.0040,
-75.7440, 7.0720

■ 151.6370,
-64.4650, 6.4070

■ 164.9710,
-53.7820, 5.5300

■ 178.8920,
-43.3740, 4.1300

■ 192.5250,
-32.0950, 3.4650

■ 206.4460,
-21.6870, 2.0650

■ 220.0790,
-10.4080, 1.4000

Harmonies

Analogous

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



106.2800, -111.8720, 1.0240



96.5290, -107.8390, 10.5370



124.0180, 1.8710, 48.7110

Triad

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



96.5290, -107.8390, 10.5370



113.6410, 87.8900, 15.1060



95.0330, -67.8020, -48.7780

Complementary

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



96.5290, -107.8390, 10.5370



137.4710, 107.8390, -10.5370

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.



99.3930, -16.4500, -54.3220



96.5290, -107.8390, 10.5370



113.9380, 72.4910, -19.7090

Square

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



96.5290, -107.8390, 10.5370



109.7210, 86.0500, 48.4660



111.0270, 37.7870, -40.5570



103.0470, -87.6120, -31.1640

Rectangle

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



96.5290, -107.8390, 10.5370



119.7040, 41.1620, 58.0100



111.0270, 37.7870, -40.5570



91.5790, -60.8320, -53.9520

Sweetspot

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



96.5290, -107.8390, 10.5370



209.9700, -34.8460, 3.7620



150.2400, -100.6230, -87.2390



100.7450, -21.0910, 2.2770



0.0000, 0.0000, 0.0000



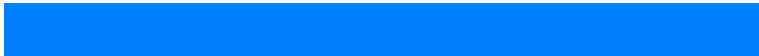
128.0000, -0.0000, -0.0000

Same Dimension

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



96.5290, -107.8390, 10.5370



105.3800, -117.6050, 11.3150



29.0240, -76.2140, 70.6820



110.7760, -5.1810, 0.2830



74.6380, -83.4010, 8.1750



22.0050, -24.7590, 2.6730

Inverse Universe

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



83.5320, 101.2650, 86.6170



91.0650, 110.2500, 94.4900



204.9760, 76.2140, -70.6820



109.9730, 4.6300, 4.1980



64.6070, 78.3440, 66.9840



19.2240, 23.5170, 19.8450

Previews

White Background



This preview shows how the YIQ color 96.5290, -107.8390, 10.5370 looks on a white background.

Color Contrast Check

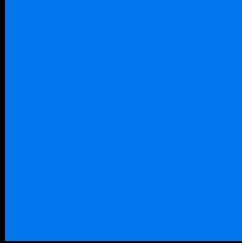
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.5290, -107.8390, 10.5370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

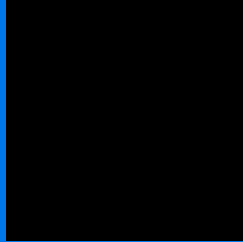
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

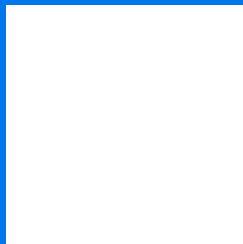
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 96.5290, -107.8390, 10.5370

Background



This preview shows how black text looks on a background with the YIQ color 96.5290, -107.8390, 10.5370.



This preview shows how white text looks on a background with the YIQ color 96.5290, -107.8390, 10.5370.

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

96.5290, -107.8390, 10.5370

Protanopia

111.4580, -73.5460, 22.3100

Deuteranopia

96.7110, -102.8400, 2.5360



Tritanopia

94.9600, -82.7530, -25.6090

Trichromacy



Original Color

96.5290, -107.8390, 10.5370

Protanomaly

106.1790, -86.0620, 17.8580

Deuteranomaly

96.9220, -104.8120, 5.2360

Tritanomaly

95.7870, -91.9710, -12.7310

Monochromacy



Original Color

96.5290, -107.8390, 10.5370

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

96.9310, -39.1100, 3.9460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.5290, -107.8390, 10.5370 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, 119, 234)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 234)  
}
```

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, 119, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 234) }
```

Border

The CSS property to change the border of an element to YIQ 96.5290, -107.8390, 10.5370 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, 119, 234) }
```


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

```
.border{ border-color:rgb(0, 119, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 119, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 234);  
box-shadow:4px 4px 4px 4px rgb(0, 119,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 96.5290, -107.8390, 10.5370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 119, 234) }
```

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

```
.background{ background-color: rgb(0, 119,  
234) }
```

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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