

Converting Colors

YIQ(68.3820, -84.4150, 37.5770)

Have a look what the booklet for
YIQ(68.3820, -84.4150, 37.5770)
contains.

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Color

**YIQ(68.3820, -84.4150,
37.5770)**

Conversions

Conversions Part 1

Format	Color
Hex	0B43E2
RGB	11, 67, 226
RGB Percent	4%, 26%, 89%
CMY	0.9567, 0.7372, 0.1142
CMYK	0.95, 0.70, 0.00, 0.11
HSL	224°, 91%, 46%
HSV	224°, 95%, 89%
XYZ	15.8579, 9.5728, 72.8794
YIQ	68.3820, -84.4150, 37.5770

Conversions

Conversions Part 2

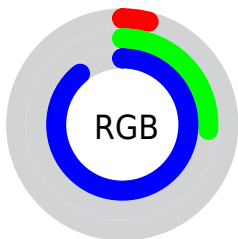
Format	Color
R_{YB}	11, 55, 226
Decimal	738274
CIE _{Lab}	37.06, 46.53, -83.46
CIE _{LCh}	37, 95.553, 299.141
Yxy	9.5728, 0.1613, 0.0974
Android (android.graphics.Color)	4278928354 (0xFF0B43E2)
YUV	68.3820, 77.7057, -50.3240
Hunter-Lab	30.9400, 37.3431, -118.0002

Details

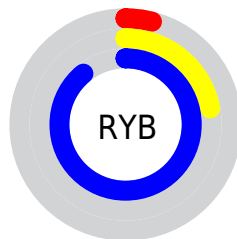
The YIQ color **68.3820, -84.4150, 37.5770** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **168.6180, 84.4150, -37.5770**, and the grayscale version is **68.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **129.4650, -47.9200, 42.4800**, and **33.3540, -60.8490, 40.0070** is the 20% darker color. If you saturate the color by 10%, you get **60.3970, -88.7710, 39.4290**, and if you desaturate by 10%, it is **85.2380, -75.3820, 33.5620**.

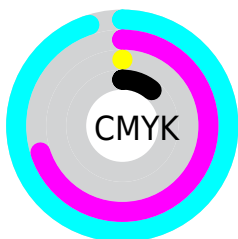
Distribution



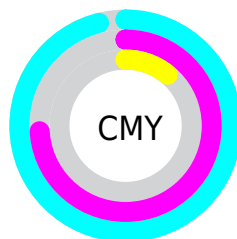
- Red (4%)
- Green (26%)
- Blue (89%)



- Red (4%)
- Yellow (22%)
- Blue (89%)



- Cyan (95%)
- Magenta (70%)
- Yellow (0%)
- Black (11%)



- Cyan (96%)
- Magenta (74%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 68.3820, -84.4150, 37.5770 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 68.3820, -84.4150, 37.5770 by changing the saturation by 10% instead.

■ 68.3820, -84.4150,
37.5770

■ 68.3820, -84.4150,
37.5770

■ 255.0000, -0.0000,
-0.0000

■ 48.8730, -75.6120,
37.7320

■ 129.4650,
-47.9200, 42.4800

■ 33.3540, -60.8490,
40.0070

■ 154.8930,
-34.8060, 36.0900

■ 20.8840, -47.7820,
39.9780

■ 180.3100,
-23.1590, 28.7530

■ 13.1100, -36.9150,
35.7650

■ 205.4280,
-12.1080, 21.2040

■ 17.7770, -32.1440,
20.8800

■ 231.4320, -0.7360,
13.3440

■ 11.5190, -22.7900,
16.5540

■ 253.2390, 0.8250,

■ 6.5490, -14.3070,

1.5690

11.4930

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 68.3820, -84.4150,
37.5770

■ 68.3820, -84.4150,
37.5770

■ 60.3970, -88.7710,
39.4290

■ 85.2380, -75.3820,
33.5620

■ 101.2080,
-66.6700, 29.8580

■ 118.0640,
-57.6370, 25.8430

■ 134.6210,
-49.2000, 21.6160

■ 151.4770,
-40.1670, 17.6010

■ 167.7460,
-30.8590, 14.1090

■ 184.3030,
-22.4220, 9.8820

■ 201.1590,
-13.3890, 5.8670

■ 217.1290, -4.6770,
2.1630

Harmonies

Analogous

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



87.4450, -107.0620, 23.9940



68.3820, -84.4150, 37.5770



69.9820, 47.3920, 88.2880

Triad

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



68.3820, -84.4150, 37.5770



73.7010, 87.6610, 13.7490



75.7930, -57.7180, -33.2860

Complementary

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



68.3820, -84.4150, 37.5770



168.6180, 84.4150, -37.5770

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.



64.5700, -30.2500, -57.5300



68.3820, -84.4150, 37.5770



81.8990, 41.8640, -20.8240

Square

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



68.3820, -84.4150, 37.5770



62.8630, 114.8890, 48.9450



62.2550, -24.7490, -52.5970



85.9730, -83.6270, -9.7630

Rectangle

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



68.3820, -84.4150, 37.5770



73.9640, 82.1930, 79.8330



62.2550, -24.7490, -52.5970



72.6010, -48.7300, -41.9940

Sweetspot

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



68.3820, -84.4150, 37.5770



200.5890, -28.9790, 13.0770



155.2170, -109.8430, -63.3070



95.1740, -17.7450, 7.7190



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.



68.3820, -84.4150, 37.5770



67.8120, -100.0050, 44.7870



50.4600, -39.2150, 77.4650



104.0150, -4.3560, 1.8520



47.0660, -69.1460, 30.6780



13.1030, -18.9830, 8.1290

Inverse Universe

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



81.6690, 110.1640, 62.9960



83.7690, 130.7940, 74.5860



186.5400, 39.2150, -77.4650



104.6310, 5.5930, 3.2650



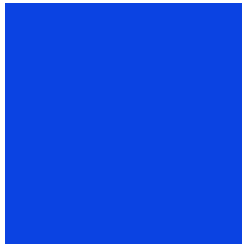
57.8680, 90.1300, 51.6180



15.8340, 24.4350, 14.2190

Previews

White Background



This preview shows how the YIQ color 68.3820, -84.4150, 37.5770 looks on a white background.

Color Contrast Check

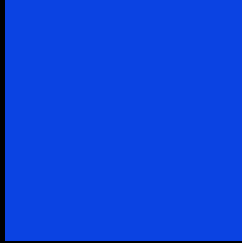
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 68.3820, -84.4150, 37.5770 looks on a black 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

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

YIQ 68.3820, -84.4150, 37.5770

Background



This preview shows how black text looks on a background with the YIQ color 68.3820, -84.4150, 37.5770.



This preview shows how white text looks on a background with the YIQ color 68.3820, -84.4150,

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

68.3820, -84.4150, 37.5770

Protanopia

69.3720, -79.5960, 10.8040

Tritanopia

67.8660, -58.8210, -18.7970

Trichromacy



Original Color

68.3820, -84.4150, 37.5770

Protanomaly

69.0980, -81.3400, 20.3880

Tritanomaly

67.7350, -67.8570, 1.7990

Monochromacy



Original Color

68.3820, -84.4150, 37.5770

Achromatopsia

68.0000, -0.0000, 0.0000

Achromatomaly

68.2190, -30.8130, 13.2750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 68.3820, -84.4150, 37.5770 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(11, 67, 226)` looks like.

```
.text, #text, p{  
    color:rgb(11, 67, 226)  
}
```

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(11, 67, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 67, 226) }
```

Border

The CSS property to change the border of an element to YIQ 68.3820, -84.4150, 37.5770 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(11, 67, 226) }
```

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

```
.border{ border-color:rgb(11, 67, 226) }
```

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

Here you see how a box with a 4 pixel rgb(11, 67, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 67, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 67, 226);  
box-shadow:4px 4px 4px 4px rgb(11, 67,  
226) }
```


Background

The CSS property to change the background color of an element to YIQ 68.3820, -84.4150, 37.5770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 67, 226) }
```

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

```
.background{ background-color: rgb(11, 67,  
226) }
```

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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