

Converting Colors

YIQ(75.5300, -82.0760, 33.7320)

Have a look what the booklet for
YIQ(75.5300, -82.0760, 33.7320)
contains.

YIQ(75.5300, -82.0760, 33.7320)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(75.5300, -82.0760,
33.7320)**

Conversions

Conversions Part 1

Format	Color
Hex	124CE0
RGB	18, 76, 224
RGB Percent	7%, 30%, 88%
CMY	0.9293, 0.7019, 0.1220
CMYK	0.92, 0.66, 0.00, 0.12
HSL	223°, 85%, 47%
HSV	223°, 92%, 88%
XYZ	16.2747, 10.6765, 71.6442
YIQ	75.5300, -82.0760, 33.7320

Conversions

Conversions Part 2

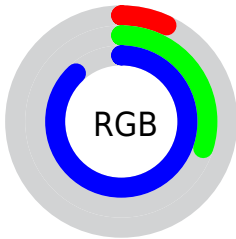
Format	Color
RYB	18, 63, 224
Decimal	1199328
CIELab	39.03, 40.45, -79.08
CIELCh	39, 88.820, 297.091
Yxy	10.6765, 0.1651, 0.1083
Android (android.graphics.Color)	4279389408 (0xFF124CE0)
YUV	75.5300, 73.1957, -50.4538
Hunter-Lab	32.6749, 31.7260, -107.1289

Details

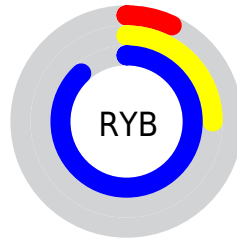
The YIQ color **75.5300, -82.0760, 33.7320** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **166.4700, 82.0760, -33.7320**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **135.3350, -50.6700, 37.2500**, and **38.4090, -62.6820, 34.6780** is the 20% darker color. If you saturate the color by 10%, you get **62.5170, -89.2290, 36.7150**, and if you desaturate by 10%, it is **91.5000, -73.3640, 30.0280**.

Distribution



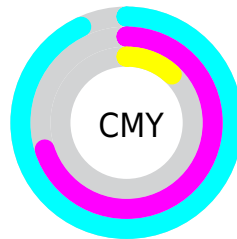
- Red (7%)
- Green (30%)
- Blue (88%)



- Red (7%)
- Yellow (25%)
- Blue (88%)



- Cyan (92%)
- Magenta (66%)
- Yellow (0%)
- Black (12%)



- Cyan (93%)
- Magenta (70%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.5300, -82.0760, 33.7320 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 75.5300, -82.0760, 33.7320 by changing the saturation by 10% instead.

■ 75.5300, -82.0760,
33.7320

■ 75.5300, -82.0760,
33.7320

■ 255.0000, -0.0000,
-0.0000

■ 53.9280, -77.4450,
32.4030

■ 135.3350,
-50.6700, 37.2500

■ 38.4090, -62.6820,
34.6780

■ 159.8770,
-37.8770, 31.1710

■ 25.3520, -49.3400,
35.1720

■ 185.2940,
-26.2300, 23.8340

■ 12.9960, -36.5940,
35.4540

■ 210.9990,
-15.4540, 15.7620

■ 17.0760, -31.5480,
21.0920

■ 237.0030, -4.0820,
7.9020

■ 11.2910, -22.1480,
15.9320

■ 6.4350, -13.9860,

11.1820

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 75.5300, -82.0760,
33.7320

■ 75.5300, -82.0760,
33.7320

■ 62.5170, -89.2290,
36.7150

■ 91.5000, -73.3640,
30.0280

■ 107.7690,
-64.0560, 26.5360

■ 123.7390,
-55.3440, 22.8320

■ 140.0080,
-46.0360, 19.3400

■ 155.9780,
-37.3240, 15.6360

■ 172.5350,
-28.8870, 11.4090

■ 188.8040,
-19.5790, 7.9170

■ 204.7740,
-10.8670, 4.2130

■ 221.0430, -1.5590,
0.7210

Harmonies

Analogous

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



88.9950, -105.9150, 19.7250



75.5300, -82.0760, 33.7320



69.2420, 43.7240, 88.6840

Triad

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



75.5300, -82.0760, 33.7320



78.7180, 88.9910, 11.6710



78.7280, -59.0930, -35.9010

Complementary

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



75.5300, -82.0760, 33.7320



166.4700, 82.0760, -33.7320

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.



66.9180, -31.3500, -59.6220



75.5300, -82.0760, 33.7320



86.6500, 46.9990, -20.2730

Square

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



75.5300, -82.0760, 33.7320



64.6440, 111.3120, 53.2000



74.7800, -4.1180, -46.5340



87.7510, -83.1220, -13.4100

Rectangle

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



75.5300, -82.0760, 33.7320



73.8650, 78.1580, 81.3740



74.7800, -4.1180, -46.5340



75.1770, -50.4720, -43.4640

Sweetspot

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



75.5300, -82.0760, 33.7320



203.8340, -28.2910, 11.6210



155.7940, -104.1580, -61.7100



96.0600, -17.4240, 7.4080



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.



75.5300, -82.0760, 33.7320



71.3340, -101.6550, 41.6490



54.9390, -39.3060, 73.6060



104.0150, -4.3560, 1.8520



49.4140, -70.2460, 28.5860



13.6900, -19.2580, 7.6060

Inverse Universe

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



86.2060, 104.1580, 61.7100



84.4530, 128.8680, 76.4520



187.0610, 39.3060, -73.6060



104.6310, 5.5930, 3.2650



58.3240, 88.8460, 52.8620



15.9480, 24.1140, 14.5300

Previews

White Background



This preview shows how the YIQ color 75.5300, -82.0760, 33.7320 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 × Fail

Black Background



This preview shows how the YIQ color 75.5300, -82.0760, 33.7320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

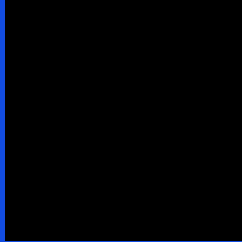
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.5300, -82.0760, 33.7320

Background



This preview shows how black text looks on a background with the YIQ color 75.5300, -82.0760, 33.7320.



This preview shows how white text looks on a background with the YIQ color 75.5300, -82.0760,

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

75.5300, -82.0760, 33.7320

Protanopia

72.8600, -83.9060, 11.8220

Deuteranopia

73.3040, -76.8890, 0.2870



Tritanopia

71.4850, -62.1220, -19.5460

Trichromacy



Original Color

75.5300, -82.0760, 33.7320

Protanomaly

74.2010, -83.1280, 19.7520

Deuteranomaly

74.0240, -78.4960, 12.8960

Tritanomaly

73.1970, -69.2780, 0.0180

Monochromacy



Original Color

75.5300, -82.0760, 33.7320

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

75.8770, -29.8500, 12.3420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.5300, -82.0760, 33.7320 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(18, 76, 224)` looks like.

```
.text, #text, p{  
    color:rgb(18, 76, 224)  
}
```

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(18, 76, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 76, 224) }
```

Border

The CSS property to change the border of an element to YIQ 75.5300, -82.0760, 33.7320 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(18, 76, 224) }
```


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

```
.border{ border-color:rgb(18, 76, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 76, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 76, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 76, 224);  
box-shadow:4px 4px 4px 4px rgb(18, 76,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 75.5300, -82.0760, 33.7320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 76, 224) }
```

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

```
.background{ background-color: rgb(18, 76,  
224) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor