

Converting Colors

YIQ(35.5600, -80.4790, 76.3930)

Have a look what the booklet for
YIQ(35.5600, -80.4790, 76.3930)
contains.

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Color

**YIQ(35.5600, -80.4790,
76.3930)**

Conversions

Conversions Part 1

Format	Color
Hex	0608FF
RGB	6, 8, 255
RGB Percent	2%, 3%, 100%
CMY	0.9760, 0.9687, 0.0005
CMYK	0.98, 0.97, 0.00, 0.00
HSL	240°, 100%, 51%
HSV	240°, 98%, 100%
XYZ	18.1915, 7.4243, 94.9721
YIQ	35.5600, -80.4790, 76.3930

Conversions

Conversions Part 2

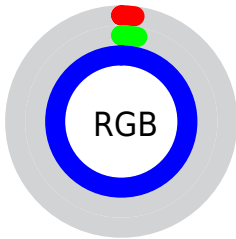
Format	Color
RYB	6, 8, 255
Decimal	395519
CIELab	32.75, 78.00, -107.03
CIELCh	33, 132.439, 306.083
Yxy	7.4243, 0.1509, 0.0616
Android (android.graphics.Color)	4278585599 (0xFF0608FF)
YUV	35.5600, 108.1839, -25.9241
Hunter-Lab	27.2475, 71.4901, -187.5839

Details

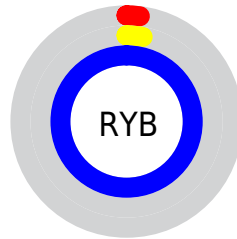
The YIQ color **35.5600, -80.4790, 76.3930** is a dark color, and the websafe version is hex **0000FF**. The color can be described as dark saturated blue. A complement of this color would be **225.4400, 80.4790, -76.3930**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.9860, -29.4930, 66.4670**, and **22.3440, -62.9160, 60.9560** is the 20% darker color. If you saturate the color by 10%, you get **30.2440, -82.4050, 78.2590**, and if you desaturate by 10%, it is **58.0090, -71.8580, 68.8300**.

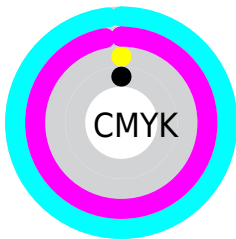
Distribution



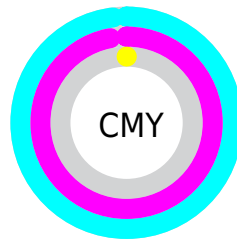
- Red (2%)
- Green (3%)
- Blue (100%)



- Red (2%)
- Yellow (3%)
- Blue (100%)



- Cyan (98%)
- Magenta (97%)
- Yellow (0%)
- Black (0%)



- Cyan (98%)
- Magenta (97%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 35.5600, -80.4790, 76.3930 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 35.5600, -80.4790, 76.3930 by changing the saturation by 10% instead.

■ 35.5600, -80.4790,
76.3930

■ 35.5600, -80.4790,
76.3930

■ 255.0000, -0.0000,
-0.0000

■ 25.6500, -72.2250,
69.9750

■ 108.9860,
-29.4930, 66.4670

■ 22.3440, -62.9160,
60.9560

■ 136.1860,
-15.7370, 59.4550

■ 19.1520, -53.9280,
52.2480

■ 162.2010, -2.8980,
52.5420

■ 15.9600, -44.9400,
43.5400

■ 188.5040, 9.0700,
44.8940

■ 22.8610, -40.9480,
26.2520

■ 213.9100, 19.2500,
36.6100


■ 17.0760, -31.5480,
21.0920


■ 230.9330, 11.2750,


■ 10.7040, -21.8730,


21.4430


16.4550


 247.9560, 3.3000,
6.2760


 6.3210, -13.6650,
10.8710


 2.6390, -6.0530,
5.0750


 35.5600, -80.4790,
76.3930


 35.5600, -80.4790,
76.3930

 30.2440, -82.4050,
78.2590

 58.0090, -71.8580,
68.8300

 80.7460, -64.1080,
60.5320

 103.1950,
-55.4870, 52.9690

 125.3450,
-47.4620, 45.1940

■ 147.7940,
-38.8410, 37.6310

■ 170.5310,
-31.0910, 29.3330

■ 192.9800,
-22.4700, 21.7700

■ 215.1300,
-14.4450, 13.9950

■ 237.8670, -6.6950,
5.6970

Harmonies

Analogous

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



84.2480, -107.7050, 30.1430



35.5600, -80.4790, 76.3930



79.8060, 68.6190, 94.5630

Triad

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



35.5600, -80.4790, 76.3930



54.5740, 89.9970, 26.4850



72.6930, -60.0120, -24.7480

Complementary

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



35.5600, -80.4790, 76.3930



225.4400, 80.4790, -76.3930

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.



60.4610, -28.3250, -53.8690



35.5600, -80.4790, 76.3930



70.8580, 22.7460, -26.7740

Square

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



35.5600, -80.4790, 76.3930



63.9860, 127.5440, 45.3680



57.5260, -26.9500, -51.2540



87.7120, -95.4130, 5.6030

Rectangle

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



35.5600, -80.4790, 76.3930



80.9100, 108.6480, 79.4640



57.5260, -26.9500, -51.2540



67.8880, -47.8600, -35.7320

Sweetspot

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



35.5600, -80.4790, 76.3930



190.0230, -24.0290, 22.4910



180.0930, -147.1200, -54.0320



88.1300, -14.4450, 13.9950



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.



35.5600, -80.4790, 76.3930



30.2440, -82.4050, 78.2590



70.2660, -8.4090, 102.8790



116.4820, -4.1730, 4.0430



22.3610, -61.5860, 58.8780



7.2960, -20.5440, 19.9040

Inverse Universe

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



80.6790, 147.7620, 53.4100



76.4730, 151.3380, 54.6820



190.7340, 8.4090, -102.8790



118.8870, 7.7480, 2.7560



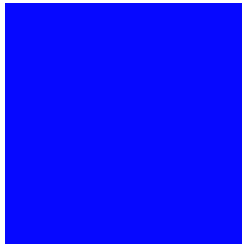
57.2230, 113.5150, 40.8030



19.1360, 38.1440, 13.5680

Previews

White Background



This preview shows how the YIQ color 35.5600, -80.4790, 76.3930 looks on a white background.

Color Contrast Check

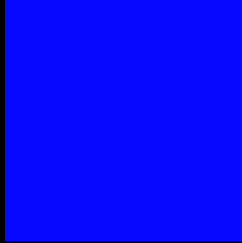
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5600, -80.4790, 76.3930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

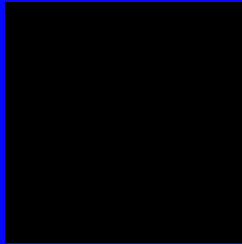
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 35.5600, -80.4790, 76.3930

Background



This preview shows how black text looks on a background with the YIQ color 35.5600, -80.4790, 76.3930.



This preview shows how white text looks on a background with the YIQ color 35.5600, -80.4790,

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

35.5600, -80.4790, 76.3930

Protanopia

61.8090, -70.7010, 9.2910

Deuteranopia

62.0080, -64.3720, -0.7880



Tritanopia

60.7420, -52.5400, -16.9880

Trichromacy



Original Color

35.5600, -80.4790, 76.3930

Protanomaly

52.4230, -74.4650, 33.4630

Deuteranomaly

52.4740, -70.4750, 27.2290

Tritanomaly

51.7440, -62.9080, 16.7400

Monochromacy



Original Color

35.5600, -80.4790, 76.3930

Achromatopsia

36.0000, -0.0000, 0.0000

Achromatomaly

35.9610, -29.4860, 27.7780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 35.5600, -80.4790, 76.3930 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(6, 8, 255)` looks like.

```
.text, #text, p{  
    color:rgb(6, 8, 255)  
}
```

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(6, 8, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 8, 255) }
```

Border

The CSS property to change the border of an element to YIQ 35.5600, -80.4790, 76.3930 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(6, 8, 255) }
```


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

```
.border{ border-color:rgb(6, 8, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 8, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 8, 255); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 8, 255); box-shadow:4px  
4px 4px 4px rgb(6, 8, 255) }
```

Background

The CSS property to change the background color of an element to YIQ 35.5600, -80.4790, 76.3930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 8, 255) }
```

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

```
.background{ background-color: rgb(6, 8,  
255) }
```

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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