

Converting Colors

YIQ(123.5680, -80.6350,
-75.0270)

Have a look what the booklet for
YIQ(123.5680, -80.6350, -75.0270)
contains.

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Color

**YIQ(123.5680, -80.6350,
-75.0270)**

Conversions

Conversions Part 1

Format	Color
Hex	00C255
RGB	0, 194, 85
RGB Percent	0%, 76%, 33%
CMY	1.0000, 0.2389, 0.6669
CMYK	1.00, 0.00, 0.56, 0.24
HSL	146°, 100%, 38%
HSV	146°, 100%, 76%
XYZ	20.9472, 39.2747, 15.0586
YIQ	123.5680, -80.6350, -75.0270

Conversions

Conversions Part 2

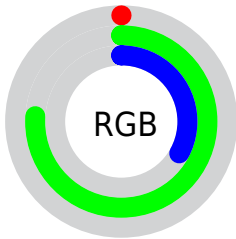
Format	Color
RYB	0, 135, 194
Decimal	49749
CIELab	68.95, -64.15, 43.04
CIELCh	69, 77.245, 146.141
Yxy	39.2747, 0.2783, 0.5217
Android (android.graphics.Color)	4278239829 (0xFF00C255)
YUV	123.5680, -19.0140, -108.3691
Hunter-Lab	62.6695, -50.0083, 29.6221

Details

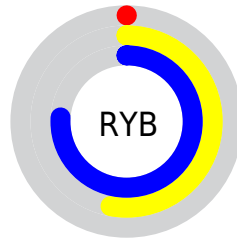
The YIQ color **123.5680, -80.6350, -75.0270** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **70.4320, 80.6350, 75.0270**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **193.1430, -54.2730, -68.2010**, and **85.4690, -49.1390, -62.1230** is the 20% darker color. If you saturate the color by 10%, you get **123.5680, -80.6350, -75.0270**, and if you desaturate by 10%, it is **130.5030, -72.8420, -67.5780**.

Distribution



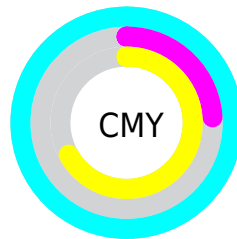
- Red (0%)
- Green (76%)
- Blue (33%)



- Red (0%)
- Yellow (53%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (56%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.5680, -80.6350, -75.0270 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 123.5680, -80.6350, -75.0270 by changing the saturation by 10% instead.

■ 123.5680,
-80.6350, -75.0270

■ 123.5680,
-80.6350, -75.0270

■ 255.0000, -0.0000,
-0.0000

■ 104.1680,
-64.5890, -68.4690

■ 193.1430,
-54.2730, -68.2010

■ 85.3550, -48.8180,
-62.4340

■ 207.5500,
-44.6930, -54.5890

■ 65.8580, -31.1210,
-58.2650

■ 220.0110,
-35.2050, -39.3090

■ 50.4820, -23.6500,
-44.9780

■ 232.4720,
-25.7170, -24.0290

■ 35.8070, -16.7750,
-31.9030

■ 245.0470,
-16.5500, -8.4380

■ 21.7190, -10.1750,
-19.3510

254.7010, -0.5960,

■ 0.0000, 0.0000,

-0.2120

0.0000

■ 123.5680,
-80.6350, -75.0270

■ 130.5030,
-72.8420, -67.5780

■ 137.7370,
-64.4530, -59.9170

■ 144.6720,
-56.6600, -52.4680

■ 151.9060,
-48.2710, -44.8070

■ 158.8410,
-40.4780, -37.3580

■ 165.6620,
-32.3640, -30.2200

■ 172.8960,
-23.9750, -22.5590

■ 179.8310,
-16.1820, -15.1100

■ 187.0650, -7.7930,
-7.4490

Harmonies

Analogous

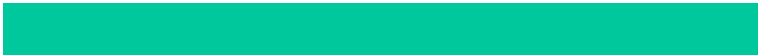
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



149.5630, 32.3810, -63.7390



123.5680, -80.6350, -75.0270



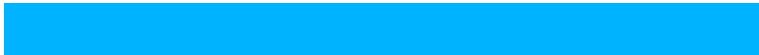
135.2980, -105.3970, -55.7730

Triad

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



123.5680, -80.6350, -75.0270



134.1430, -131.0800, -14.3120



149.3600, 88.0240, 34.7120

Complementary

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



123.5680, -80.6350, -75.0270



70.4320, 80.6350, 75.0270

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.



152.5300, 68.0750, 60.3550



123.5680, -80.6350, -75.0270



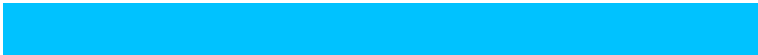
163.4210, -36.5930, 29.9270

Square

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



123.5680, -80.6350, -75.0270



142.9480, -135.2050, -22.1570



171.2550, 32.5410, 65.5730



159.7880, 99.9970, -0.5710

Rectangle

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



123.5680, -80.6350, -75.0270



140.7700, -120.8050, -40.8450



171.2550, 32.5410, 65.5730



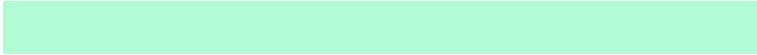
148.4600, 82.2910, 45.0030

Sweetspot

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



123.5680, -80.6350, -75.0270



224.7870, -31.2180, -28.9620



146.7680, 12.2100, -78.1420



111.2820, -19.0700, -17.8380



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.



123.5680, -80.6350, -75.0270



160.4640, -104.6100, -97.5860



134.5120, -111.4510, -45.1710



93.3260, -4.0340, -3.9860



102.4870, -66.7450, -62.4330



21.0810, -13.8900, -12.5940

Inverse Universe

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



70.4320, 80.6350, 75.0270



91.5360, 104.6100, 97.5860



59.4880, 111.4510, 45.1710



90.6740, 4.0340, 3.9860



58.3990, 67.0660, 62.1220



12.0330, 13.5690, 12.9050

Previews

White Background



This preview shows how the YIQ color 123.5680, -80.6350, -75.0270 looks on a white 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

Black Background



This preview shows how the YIQ color 123.5680, -80.6350, -75.0270 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 ✓ Pass

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

YIQ 123.5680, -80.6350, -75.0270 Background



This preview shows how black text looks on a background with the YIQ color 123.5680, -80.6350, -75.0270.



This preview shows how white text looks on a background with the YIQ color 123.5680, -80.6350, -75.0270.

-75.0270.

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

123.5680, -80.6350, -75.0270

Protanopia

162.0080, 39.9390, -24.4850

Deuteranopia

165.0450, 47.6850, -10.6750



Tritanopia

152.0160, -67.9910, -17.8070

Trichromacy



Original Color

123.5680, -80.6350, -75.0270



Protanomaly

148.1870, -3.7060, -42.9860



Deuteranomaly

150.2080, 0.9690, -34.0950



Tritanomaly

141.3180, -72.6180, -38.5860

Monochromacy



Original Color

123.5680, -80.6350, -75.0270



Achromatopsia

124.0000, -0.0000, -0.0000



Achromatomaly

123.6240, -29.2010, -26.9690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.5680, -80.6350, -75.0270 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, 194, 85)` looks like.

```
.text, #text, p{  
    color:rgb(0, 194, 85)  
}
```

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, 194, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 194, 85) }
```

Border

The CSS property to change the border of an element to YIQ 123.5680, -80.6350, -75.0270 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, 194, 85) }
```


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

```
.border{ border-color:rgb(0, 194, 85) }
```

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

Here you see how a box with a 4 pixel rgb(0, 194, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 194, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 194, 85);  
box-shadow:4px 4px 4px 4px rgb(0, 194, 85)  
}
```

Background

The CSS property to change the background color of an element to YIQ 123.5680, -80.6350, -75.0270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 194, 85) }
```

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

```
.background{ background-color: rgb(0, 194,  
85) }
```

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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