

Converting Colors

YIQ(124.7440, -75.4990,
-80.0030)

Have a look what the booklet for
YIQ(124.7440, -75.4990, -80.0030)
contains.

YIQ(124.7440, -75.4990, -80.0030)	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(124.7440, -75.4990,
-80.0030)**

Conversions

Conversions Part 1

Format	Color
Hex	03C548
RGB	3, 197, 72
RGB Percent	1%, 77%, 28%
CMY	0.9888, 0.2271, 0.7178
CMYK	0.99, 0.00, 0.63, 0.23
HSL	141°, 97%, 39%
HSV	141°, 99%, 77%
XYZ	21.1885, 40.4551, 12.8139
YIQ	124.7440, -75.4990, -80.0030

Conversions

Conversions Part 2

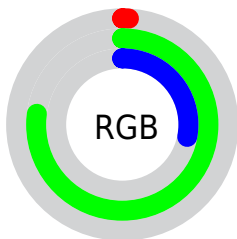
Format	Color
RYB	3, 146, 197
Decimal	247112
CIELab	69.79, -66.62, 49.91
CIELCh	70, 83.242, 143.162
Yxy	40.4551, 0.2846, 0.5433
Android (android.graphics.Color)	4278437192 (0xFF03C548)
YUV	124.7440, -26.0028, -106.7695
Hunter-Lab	63.6043, -51.8437, 32.5783

Details

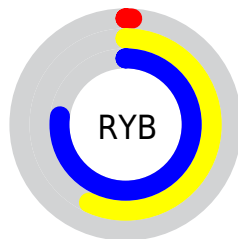
The YIQ color **124.7440, -75.4990, -80.0030** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **75.2560, 75.4990, 80.0030**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.1340, -50.0540, -73.0780**, and **84.2490, -42.9480, -69.7000** is the 20% darker color. If you saturate the color by 10%, you get **123.6190, -76.6450, -81.2610**, and if you desaturate by 10%, it is **132.2060, -67.7520, -71.7200**.

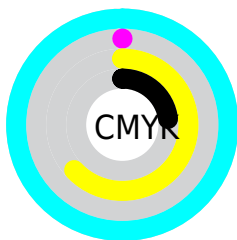
Distribution



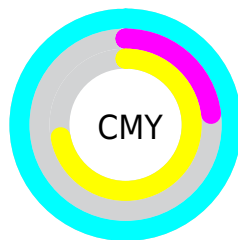
- Red (1%)
- Green (77%)
- Blue (28%)



- Red (1%)
- Yellow (57%)
- Blue (77%)



- Cyan (99%)
- Magenta (0%)
- Yellow (63%)
- Black (23%)



- Cyan (99%)
- Magenta (23%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.7440, -75.4990, -80.0030 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 124.7440, -75.4990, -80.0030 by changing the saturation by 10% instead.

■ 124.7440,
-75.4990, -80.0030

■ 124.7440,
-75.4990, -80.0030

■ 255.0000, -0.0000,
-0.0000

■ 104.3330,
-60.9200, -74.3920

■ 194.1340,
-50.0540, -73.0780

■ 84.8360, -43.2230,
-70.2230

■ 207.0790,
-39.0530, -57.6850

■ 67.5050, -31.6250,
-60.1450

■ 219.5400,
-29.5650, -42.4050

■ 52.2430, -24.4750,
-46.5470

■ 231.7020,
-20.6730, -27.3370

■ 37.5680, -17.6000,
-33.4720

■ 244.2770,
-11.5060, -11.7460

■ 22.8930, -10.7250,
-20.3970

■ 0.0000, 0.0000,

0.0000

■ 124.7440,
-75.4990, -80.0030

■ 124.7440,
-75.4990, -80.0030

■ 123.6190,
-76.6450, -81.2610

■ 132.2060,
-67.7520, -71.7200

■ 139.2550,
-60.2800, -63.9600

■ 146.7170,
-52.5330, -55.6770

■ 154.1790,
-44.7860, -47.3940

■ 161.2280,
-37.3140, -39.6340

■ 168.6900,
-29.5670, -31.3510

■ 176.1520,
-21.8200, -23.0680

■ 183.6140,
-14.0730, -14.7850

■ 190.6630, -6.6010,
-7.0250

Harmonies

Analogous

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



152.2600, 37.6080, -64.8560



124.7440, -75.4990, -80.0030



136.2610, -103.9750, -59.5190

Triad

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



124.7440, -75.4990, -80.0030



137.6650, -132.7300, -17.4500



144.6470, 88.8940, 40.9740

Complementary

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



124.7440, -75.4990, -80.0030



75.2560, 75.4990, 80.0030

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.



149.6750, 66.4690, 67.4370



124.7440, -75.4990, -80.0030



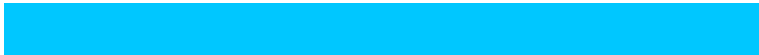
160.3870, -48.4210, 24.0190

Square

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



124.7440, -75.4990, -80.0030



145.8830, -136.5800, -24.7720



173.0530, 30.2940, 67.7500



156.5110, 102.3350, 1.1110

Rectangle

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



124.7440, -75.4990, -80.0030



143.4770, -121.5380, -44.0820



173.0530, 30.2940, 67.7500



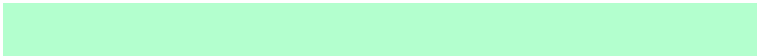
143.3880, 82.7940, 52.4100

Sweetspot

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



124.7440, -75.4990, -80.0030



226.6900, -29.5670, -31.3510



154.5520, 21.7460, -74.7500



110.8260, -17.7860, -19.0820



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.



124.7440, -75.4990, -80.0030



160.0590, -99.3360, -105.0640



135.6880, -106.3150, -50.1470



95.6250, -3.4380, -3.7740



102.2930, -63.4430, -67.2110



22.6140, -14.0730, -14.7850

Inverse Universe

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



75.2560, 75.4990, 80.0030



94.9410, 99.3360, 105.0640



64.3120, 106.3150, 50.1470



93.3750, 3.4380, 3.7740



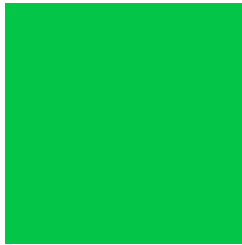
60.7070, 63.4430, 67.2110



13.3860, 14.0730, 14.7850

Previews

White Background



This preview shows how the YIQ color 124.7440, -75.4990, -80.0030 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 124.7440, -75.4990, -80.0030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

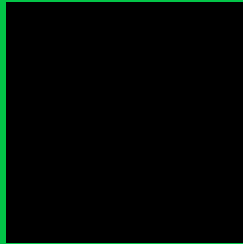
Any Text WCAG AA ✓ Pass

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 124.7440, -75.4990, -80.0030 Background



This preview shows how black text looks on a background with the YIQ color 124.7440, -75.4990, -80.0030.



This preview shows how white text looks on a background with the YIQ color 124.7440, -75.4990, -80.0030.

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

124.7440, -75.4990, -80.0030

Protanopia

163.0100, 45.6250, -28.4150

Deuteranopia

166.1610, 53.0500, -14.2940



Tritanopia

154.9020, -67.6700, -18.1180

Trichromacy



Original Color

124.7440, -75.4990, -80.0030



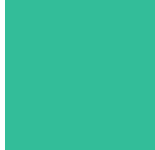
Protanomaly

148.8900, 1.3840, -47.1280



Deuteranomaly

150.9110, 6.0590, -38.2370



Tritanomaly

143.6340, -70.6920, -40.4520

Monochromacy



Original Color

124.7440, -75.4990, -80.0030



Achromatopsia

125.0000, 0.0000, 0.0000



Achromatomaly

124.9400, -27.2750, -28.8350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.7440, -75.4990, -80.0030 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(3, 197, 72)` looks like.

```
.text, #text, p{  
    color:rgb(3, 197, 72)  
}
```

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(3, 197, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 197, 72) }
```

Border

The CSS property to change the border of an element to YIQ 124.7440, -75.4990, -80.0030 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(3, 197, 72) }
```


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

```
.border{ border-color:rgb(3, 197, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 197, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 197, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 197, 72);  
box-shadow:4px 4px 4px 4px rgb(3, 197, 72)  
}
```

Background

The CSS property to change the background color of an element to YIQ 124.7440, -75.4990, -80.0030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 197, 72) }
```

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

```
.background{ background-color: rgb(3, 197,  
72) }
```

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