

Converting Colors

YIQ(123.6580, -64.3540,
-100.2740)

Have a look what the booklet for
YIQ(123.6580, -64.3540, -100.2740)
contains.

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Color

**YIQ(123.6580, -64.3540,
-100.2740)**

Conversions

Conversions Part 1

Format	Color
Hex	00CE18
RGB	0, 206, 24
RGB Percent	0%, 81%, 9%
CMY	1.0000, 0.1918, 0.9059
CMYK	1.00, 0.00, 0.88, 0.19
HSL	127°, 100%, 40%
HSV	127°, 100%, 81%
XYZ	22.2566, 44.2499, 8.2306
YIQ	123.6580, -64.3540, -100.2740

Conversions

Conversions Part 2

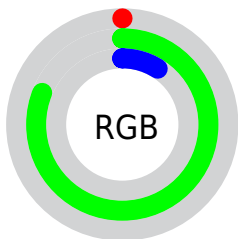
Format	Color
RYB	0, 185, 206
Decimal	52760
CIELab	72.40, -72.83, 67.84
CIELCh	72, 99.532, 137.031
Yxy	44.2499, 0.2978, 0.5921
Android (android.graphics.Color)	4278242840 (0xFF00CE18)
YUV	123.6580, -49.1314, -108.4481
Hunter-Lab	66.5206, -56.6881, 39.2285

Details

The YIQ color **123.6580, -64.3540, -100.2740** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **82.3420, 64.3540, 100.2740**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.6390, -35.8390, -82.9030**, and **88.0500, -41.2500, -78.4500** is the 20% darker color. If you saturate the color by 10%, you get **123.6580, -64.3540, -100.2740**, and if you desaturate by 10%, it is **131.9890, -57.6160, -90.2240**.

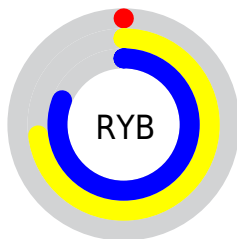
Distribution



Red (0%)

Green (81%)

Blue (9%)



Red (0%)

Yellow (73%)

Blue (81%)

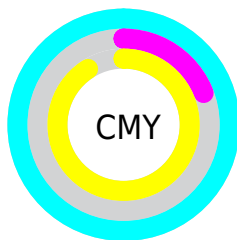


Cyan (100%)

Magenta (0%)

Yellow (88%)

Black (19%)



Cyan (100%)

Magenta (19%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.6580, -64.3540, -100.2740 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 123.6580, -64.3540, -100.2740 by changing the saturation by 10% instead.

■ 123.6580,
-64.3540, -100.2740

■ 123.6580,
-64.3540, -100.2740

■ 255.0000, -0.0000,
-0.0000

■ 104.4860,
-48.9500, -93.0940

■ 191.6390,
-35.8390, -82.9030

■ 88.0500, -41.2500,
-78.4500

■ 204.6980,
-25.1590, -67.1990

■ 72.2010, -33.8250,
-64.3290

■ 217.5720,
-15.3960, -51.3960

■ 56.3520, -26.4000,
-50.2080

■ 230.0330, -5.9080,
-36.1160

■ 41.6770, -19.5250,
-37.1330

■ 242.6080, 3.2590,
-20.5250

■ 27.0020, -12.6500,
-24.0580

■ 252.6060, 6.7410,

■ 8.8050, -4.1250,

-6.5310

-7.8450

■ 0.0000, 0.0000,
0.0000

■ 123.6580,
-64.3540, -100.2740

■ 131.9890,
-57.6160, -90.2240

■ 140.0210,
-51.4740, -80.3860

■ 148.4660,
-45.0570, -70.0250

■ 156.4980,
-38.9150, -60.1870

■ 164.8290,
-32.1770, -50.1370

■ 173.1600,
-25.4390, -40.0870

■ 181.1920,
-19.2970, -30.2490

■ 189.6370,
-12.8800, -19.8880

■ 197.6690, -6.7380,
-10.0500

Harmonies

Analogous

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



160.5770, 46.9610, -63.6550



123.6580, -64.3540, -100.2740



140.7800, -101.5430, -70.5590

Triad

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



123.6580, -64.3540, -100.2740



146.4700, -136.8550, -25.2950



126.2850, 93.7500, 63.1100

Complementary

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



123.6580, -64.3540, -100.2740



82.3420, 64.3540, 100.2740

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.



140.7680, 62.6140, 87.7500



123.6580, -64.3540, -100.2740



129.4470, -128.8800, -10.1280

Square

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



123.6580, -64.3540, -100.2740



154.1010, -140.4300, -32.0940



174.5150, 28.8730, 65.9690



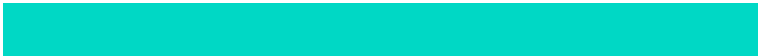
147.0220, 108.3860, 7.0900

Rectangle

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



123.6580, -64.3540, -100.2740



149.2500, -122.6370, -51.7010



174.5150, 28.8730, 65.9690



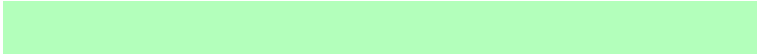
123.8350, 86.8700, 77.6700

Sweetspot

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



123.6580, -64.3540, -100.2740



224.5240, -23.4680, -37.2600



176.2370, 53.6100, -68.5180



109.5720, -14.2550, -22.5030



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.



123.6580, -64.3540, -100.2740



153.1050, -79.7550, -124.0350



135.0580, -96.4540, -69.1740



97.9840, -3.0710, -4.9190



99.6080, -51.7490, -80.9090



22.7620, -11.7340, -18.6300

Inverse Universe

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



82.3420, 64.3540, 100.2740



101.8950, 79.7550, 124.0350



70.9420, 96.4540, 69.1740



96.0160, 3.0710, 4.9190



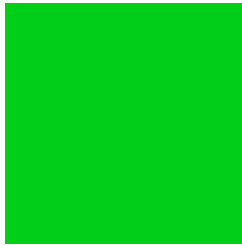
66.2780, 52.0700, 80.5980



15.2380, 11.7340, 18.6300

Previews

White Background



This preview shows how the YIQ color 123.6580, -64.3540, -100.2740 looks on a white background.

Color Contrast Check

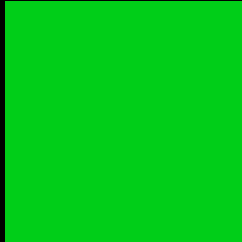
Large Text (above 18pt) WCAG AA × Fail

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 123.6580, -64.3540, -100.2740 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 123.6580, -64.3540, -100.2740 Background



This preview shows how black text looks on a background with the YIQ color 123.6580, -64.3540, -100.2740.



This preview shows how white text looks on a background with the YIQ color 123.6580, -64.3540, -100.2740.

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

123.6580, -64.3540, -100.2740

Protanopia

164.1810, 66.3520, -46.1280

Deuteranopia

169.8080, 69.7410, -24.9390



Tritanopia

162.0160, -67.9910, -17.8070

Trichromacy



Original Color

123.6580, -64.3540, -100.2740



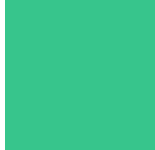
Protanomaly

149.5660, 19.1310, -65.9010



Deuteranomaly

153.0800, 21.1000, -52.0200



Tritanomaly

148.0440, -66.3350, -47.8310

Monochromacy



Original Color

123.6580, -64.3540, -100.2740



Achromatopsia

124.0000, -0.0000, -0.0000



Achromatomaly

124.0510, -23.5140, -36.4260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.6580, -64.3540, -100.2740 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, 206, 24)` looks like.

```
.text, #text, p{  
    color:rgb(0, 206, 24)  
}
```

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, 206, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 206, 24) }
```

Border

The CSS property to change the border of an element to YIQ 123.6580, -64.3540, -100.2740 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, 206, 24) }
```


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

```
.border{ border-color:rgb(0, 206, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 206, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 206, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 206, 24);  
box-shadow:4px 4px 4px 4px rgb(0, 206, 24)  
}
```

Background

The CSS property to change the background color of an element to YIQ 123.6580, -64.3540, -100.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 206, 24) }
```

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

```
.background{ background-color: rgb(0, 206,  
24) }
```

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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