

Converting Colors

YIQ(140.3800, -94.6650,
-74.0650)

Have a look what the booklet for
YIQ(140.3800, -94.6650, -74.0650)
contains.

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Color

**YIQ(140.3800, -94.6650,
-74.0650)**

Conversions

Conversions Part 1

Format	Color
Hex	04D677
RGB	4, 214, 119
RGB Percent	2%, 84%, 47%
CMY	0.9848, 0.1604, 0.5336
CMYK	0.98, 0.00, 0.44, 0.16
HSL	153°, 96%, 43%
HSV	153°, 98%, 84%
XYZ	27.4423, 49.4927, 25.5352
YIQ	140.3800, -94.6650, -74.0650

Conversions

Conversions Part 2

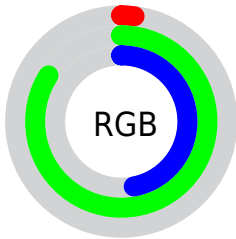
Format	Color
RYB	4, 140, 214
Decimal	317047
CIELab	75.76, -65.03, 34.87
CIELCh	76, 73.791, 151.804
Yxy	49.4927, 0.2678, 0.4830
Android (android.graphics.Color)	4278507127 (0xFF04D677)
YUV	140.3800, -10.5403, -119.6053
Hunter-Lab	70.3510, -53.4856, 27.7253

Details

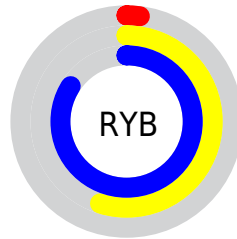
The YIQ color **140.3800, -94.6650, -74.0650** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **77.6200, 94.6650, 74.0650**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **200.6880, -62.7570, -57.6130**, and **100.6120, -65.5990, -61.1750** is the 20% darker color. If you saturate the color by 10%, you get **138.9560, -96.4070, -75.5350**, and if you desaturate by 10%, it is **147.7990, -85.3590, -66.5030**.

Distribution



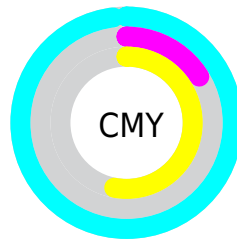
- Red (2%)
- Green (84%)
- Blue (47%)



- Red (2%)
- Yellow (55%)
- Blue (84%)



- Cyan (98%)
- Magenta (0%)
- Yellow (44%)
- Black (16%)



- Cyan (98%)
- Magenta (16%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.3800, -94.6650, -74.0650 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 140.3800, -94.6650, -74.0650 by changing the saturation by 10% instead.

■ 140.3800,
-94.6650, -74.0650

■ 140.3800,
-94.6650, -74.0650

■ 255.0000, -0.0000,
-0.0000

■ 119.7840,
-81.0030, -68.3550

■ 200.6880,
-62.7570, -57.6130

■ 100.6120,
-65.5990, -61.1750

■ 213.7470,
-52.0770, -41.9090

■ 81.9130, -50.1490,
-54.8290

■ 226.2080,
-42.5890, -26.6290

■ 63.2140, -34.6990,
-48.4830

■ 238.5550,
-32.7800, -11.6600

■ 45.7860, -21.4500,
-40.7940

■ 248.1230,
-13.7080, -4.8760

■ 32.2850, -15.1250,
-28.7650

■ 17.0230, -7.9750,

-15.1670

■ 0.0000, 0.0000,
0.0000

■ 140.3800,
-94.6650, -74.0650

■ 140.3800,
-94.6650, -74.0650

■ 138.9560,
-96.4070, -75.5350

■ 147.7990,
-85.3590, -66.5030

■ 155.4030,
-75.1360, -59.0400

■ 162.8220,
-65.8300, -51.4780

■ 170.5400,
-55.9280, -43.7040

■ 177.8450,
-46.3010, -36.4530

■ 185.2640,
-36.9950, -28.8910

■ 192.9820,
-27.0930, -21.1170

■ 200.2870,
-17.4660, -13.8660

■ 208.0050, -7.5640,
-6.0920

Harmonies

Analogous

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



170.1390, 13.4440, -56.4440



140.3800, -94.6650, -74.0650



150.0990, -120.8940, -55.7580

Triad

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



140.3800, -94.6650, -74.0650



142.3610, -134.9300, -21.6340



167.2950, 77.4810, 22.0330

Complementary

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



140.3800, -94.6650, -74.0650



77.6200, 94.6650, 74.0650

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.



167.7750, 59.5950, 48.8350



140.3800, -94.6650, -74.0650



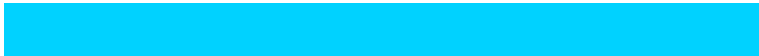
184.5070, -13.3480, 32.6680

Square

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



140.3800, -94.6650, -74.0650



152.3400, -139.6050, -30.5250



185.3920, 33.4130, 60.7810



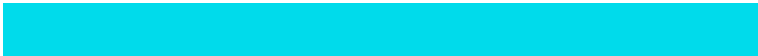
176.7600, 88.0320, -9.5040

Rectangle

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



140.3800, -94.6650, -74.0650



155.3430, -135.6600, -41.4520



185.3920, 33.4130, 60.7810



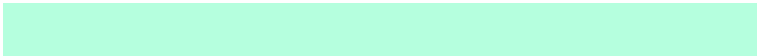
165.5800, 72.6650, 32.2250

Sweetspot

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



140.3800, -94.6650, -74.0650



229.1120, -33.5110, -25.9510



156.5720, 0.6580, -89.0540



112.1510, -20.0790, -16.0710



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

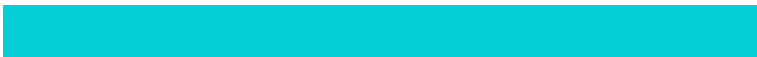
The Same Dimension uses a secret algorithm to generate beautiful new colors.



140.3800, -94.6650, -74.0650



165.6450, -115.0650, -89.8250



147.1010, -123.2350, -40.8590



103.1410, -4.9510, -3.8870



111.0930, -77.1990, -60.1990



27.9770, -19.5290, -15.0250

Inverse Universe

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



77.6200, 94.6650, 74.0650



89.3550, 115.0650, 89.8250



70.8990, 123.2350, 40.8590



99.8590, 4.9510, 3.8870



59.9070, 77.1990, 60.1990



15.1370, 19.2080, 15.3360

Previews

White Background



This preview shows how the YIQ color 140.3800, -94.6650, -74.0650 looks on a white background.

Color Contrast Check

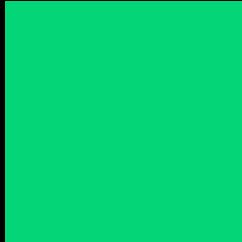
Large Text (above 18pt) WCAG AA × Fail

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 140.3800, -94.6650, -74.0650 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 140.3800, -94.6650, -74.0650 Background



This preview shows how black text looks on a background with the YIQ color 140.3800, -94.6650, -74.0650.



This preview shows how white text looks on a background with the YIQ color 140.3800, -94.6650, -74.0650.

-74.0650.

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

140.3800, -94.6650, -74.0650

Protanopia

181.6040, 35.4450, -20.1310

Deuteranopia

184.5700, 41.9530, -5.9110



Tritanopia

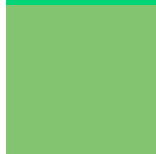
168.0470, -78.4440, -21.1000

Trichromacy



Original Color

140.3800, -94.6650, -74.0650



Protanomaly

166.9890, -11.7760, -39.9040



Deuteranomaly

168.2380, -7.7430, -30.3910



Tritanomaly

157.9190, -84.6760, -40.3240

Monochromacy



Original Color

140.3800, -94.6650, -74.0650



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

139.9870, -34.6570, -27.2090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.3800, -94.6650, -74.0650 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(4, 214, 119)` looks like.

```
.text, #text, p{  
    color:rgb(4, 214, 119)  
}
```

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(4, 214, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 214, 119) }
```

Border

The CSS property to change the border of an element to YIQ 140.3800, -94.6650, -74.0650 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(4, 214, 119) }
```


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

```
.border{ border-color:rgb(4, 214, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 214, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 214, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 214, 119);  
box-shadow:4px 4px 4px 4px rgb(4, 214,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 140.3800, -94.6650, -74.0650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 214, 119) }
```

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

```
.background{ background-color: rgb(4, 214,  
119) }
```

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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