

Converting Colors

YIQ(144.2980, -97.3700,
-74.6020)

Have a look what the booklet for
YIQ(144.2980, -97.3700, -74.6020)
contains.

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Color

**YIQ(144.2980, -97.3700,
-74.6020)**

Conversions

Conversions Part 1

Format	Color
Hex	05DB7D
RGB	5, 219, 125
RGB Percent	2%, 86%, 49%
CMY	0.9809, 0.1408, 0.5101
CMYK	0.98, 0.00, 0.43, 0.14
HSL	154°, 96%, 44%
HSV	154°, 98%, 86%
XYZ	29.1123, 52.2198, 27.9203
YIQ	144.2980, -97.3700, -74.6020

Conversions

Conversions Part 2

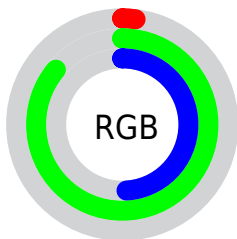
Format	Color
RYB	5, 142, 219
Decimal	383869
CIELab	77.41, -65.60, 33.99
CIELCh	77, 73.882, 152.607
Yxy	52.2198, 0.2665, 0.4780
Android (android.graphics.Color)	4278573949 (0xFF05DB7D)
YUV	144.2980, -9.5139, -122.1643
Hunter-Lab	72.2633, -54.5495, 27.6765

Details

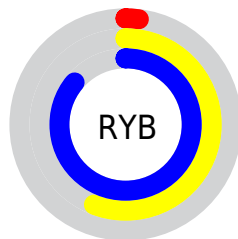
The YIQ color **144.2980, -97.3700, -74.6020** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **79.7020, 97.3700, 74.6020**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.7850, -64.4080, -55.2240**, and **103.5300, -68.3040, -61.7120** is the 20% darker color. If you saturate the color by 10%, you get **142.5750, -99.7080, -76.2840**, and if you desaturate by 10%, it is **152.0160, -87.4680, -66.8280**.

Distribution



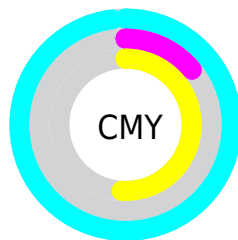
- Red (2%)
- Green (86%)
- Blue (49%)



- Red (2%)
- Yellow (56%)
- Blue (86%)



- Cyan (98%)
- Magenta (0%)
- Yellow (43%)
- Black (14%)



- Cyan (98%)
- Magenta (14%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.2980, -97.3700, -74.6020 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 144.2980, -97.3700, -74.6020 by changing the saturation by 10% instead.

■ 144.2980,
-97.3700, -74.6020

■ 144.2980,
-97.3700, -74.6020

■ 255.0000, -0.0000,
-0.0000

■ 122.8160,
-84.0290, -68.5810

■ 201.9700,
-63.4910, -55.3230

■ 103.5300,
-68.3040, -61.7120

■ 215.0290,
-52.8110, -39.6190

■ 84.9450, -53.1750,
-55.0550

■ 227.6040,
-43.6440, -24.0280

■ 66.3600, -38.0460,
-48.3980

■ 239.4520,
-30.9920, -11.0240

■ 48.7210, -22.8250,
-43.4090

■ 248.7210,
-12.5160, -4.4520

■ 34.0460, -15.9500,
-30.3340

■ 19.3710, -9.0750,

-17.2590

■ 0.0000, 0.0000,
0.0000

■ 144.2980,
-97.3700, -74.6020

■ 144.2980,
-97.3700, -74.6020

■ 142.5750,
-99.7080, -76.2840

■ 152.0160,
-87.4680, -66.8280

■ 159.6200,
-77.2450, -59.3650

■ 167.3380,
-67.3430, -51.5910

■ 174.9420,
-57.1200, -44.1280

■ 182.3610,
-47.8140, -36.5660

■ 190.0790,
-37.9120, -28.7920

■ 197.6830,
-27.6890, -21.3290

■ 205.4010,
-17.7870, -13.5550

■ 213.1190, -7.8850,
-5.7810

Harmonies

Analogous

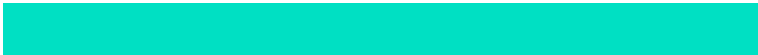
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



174.6550, 11.9310, -56.5570



144.2980, -97.3700, -74.6020



153.7180, -124.1950, -56.5070

Triad

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



144.2980, -97.3700, -74.6020



144.7090, -136.0300, -23.7260



170.4580, 75.4640, 20.0400

Complementary

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



144.2980, -97.3700, -74.6020



79.7020, 97.3700, 74.6020

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.



171.0520, 57.2570, 47.1530



144.2980, -97.3700, -74.6020



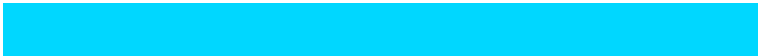
188.6600, -9.4050, 32.7950

Square

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



144.2980, -97.3700, -74.6020



155.2750, -140.9800, -33.1400



188.0820, 31.3500, 59.6220



180.0370, 85.6940, -11.1860

Rectangle

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



144.2980, -97.3700, -74.6020



159.0760, -139.2820, -41.8900



188.0820, 31.3500, 59.6220



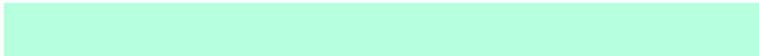
168.8570, 70.3270, 30.5430

Sweetspot

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



144.2980, -97.3700, -74.6020



229.1120, -33.5110, -25.9510



159.3220, -1.6340, -91.5700



112.2650, -20.4000, -15.7600



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.



144.2980, -97.3700, -74.6020



165.9870, -116.0280, -88.8920



148.5570, -124.5190, -39.6150



106.1410, -4.9510, -3.8870



112.6090, -78.7120, -60.3120



29.9660, -20.9960, -15.9720

Inverse Universe

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



79.7020, 97.3700, 74.6020



89.0130, 116.0280, 88.8920



75.4430, 124.5190, 39.6150



102.8590, 4.9510, 3.8870



60.3910, 78.7120, 60.3120



16.0340, 20.9960, 15.9720

Previews

White Background



This preview shows how the YIQ color 144.2980, -97.3700, -74.6020 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 144.2980, -97.3700, -74.6020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

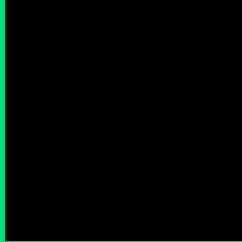
Any Text WCAG AA ✓ Pass

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 144.2980, -97.3700, -74.6020 Background



This preview shows how black text looks on a background with the YIQ color 144.2980, -97.3700, -74.6020.



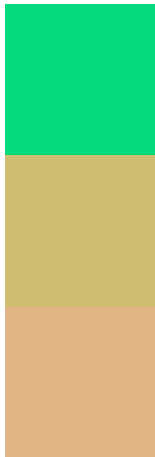
This preview shows how white text looks on a background with the YIQ color 144.2980, -97.3700, -74.6020.

-74.6020.

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

144.2980, -97.3700, -74.6020

Protanopia

186.4190, 34.5280, -20.0320

Deuteranopia

188.7980, 41.3110, -5.2890



Tritanopia

171.8510, -80.8280, -21.9480

Trichromacy



Original Color

144.2980, -97.3700, -74.6020



Protanomaly

171.2060, -13.8850, -40.2290



Deuteranomaly

172.7540, -9.2560, -30.5040



Tritanomaly

161.7230, -87.0600, -41.1720

Monochromacy



Original Color

144.2980, -97.3700, -74.6020



Achromatopsia

144.0000, -0.0000, 0.0000



Achromatomaly

143.8020, -35.5740, -27.1100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.2980, -97.3700, -74.6020 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(5, 219, 125)` looks like.

```
.text, #text, p{  
    color:rgb(5, 219, 125)  
}
```

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(5, 219, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 219, 125) }
```

Border

The CSS property to change the border of an element to YIQ 144.2980, -97.3700, -74.6020 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(5, 219, 125) }
```


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

```
.border{ border-color:rgb(5, 219, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 219, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 219, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 219, 125);  
box-shadow:4px 4px 4px 4px rgb(5, 219,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 144.2980, -97.3700, -74.6020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 219, 125) }
```

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

```
.background{ background-color: rgb(5, 219,  
125) }
```

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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