

Converting Colors

YIQ(131.2940, -74.3520,
-84.2720)

Have a look what the booklet for
YIQ(131.2940, -74.3520, -84.2720)
contains.

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Color

**YIQ(131.2940, -74.3520,
-84.2720)**

Conversions

Conversions Part 1

Format	Color
Hex	08CE46
RGB	8, 206, 70
RGB Percent	3%, 81%, 27%
CMY	0.9692, 0.1918, 0.7257
CMYK	0.96, 0.00, 0.66, 0.19
HSL	139°, 93%, 42%
HSV	139°, 96%, 81%
XYZ	23.2936, 44.6748, 13.1818
YIQ	131.2940, -74.3520, -84.2720

Conversions

Conversions Part 2

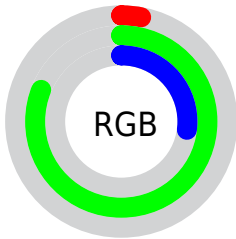
Format	Color
RYB	8, 159, 206
Decimal	577094
CIELab	72.68, -69.33, 53.95
CIELCh	73, 87.851, 142.111
Yxy	44.6748, 0.2870, 0.5505
Android (android.graphics.Color)	4278767174 (0xFF08CE46)
YUV	131.2940, -30.2179, -108.1288
Hunter-Lab	66.8392, -54.7611, 35.0945

Details

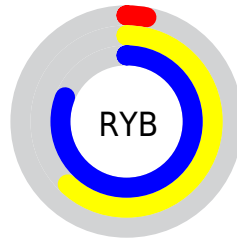
The YIQ color **131.2940, -74.3520, -84.2720** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **82.7060, 74.3520, 84.2720**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.2160, -47.3490, -72.5410**, and **88.5060, -42.5340, -77.2060** is the 20% darker color. If you saturate the color by 10%, you get **128.3320, -77.5150, -87.5230**, and if you desaturate by 10%, it is **138.8700, -66.9260, -75.6780**.

Distribution



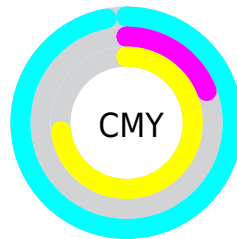
- Red (3%)
- Green (81%)
- Blue (27%)



- Red (3%)
- Yellow (62%)
- Blue (81%)



- Cyan (96%)
- Magenta (0%)
- Yellow (66%)
- Black (19%)



- Cyan (97%)
- Magenta (19%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 131.2940, -74.3520, -84.2720 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 131.2940, -74.3520, -84.2720 by changing the saturation by 10% instead.

■ 131.2940,
-74.3520, -84.2720

■ 131.2940,
-74.3520, -84.2720

■ 255.0000, -0.0000,
-0.0000

■ 109.2740,
-62.4320, -80.0320

■ 195.2160,
-47.3490, -72.5410

■ 88.5060, -42.5340,
-77.2060

■ 208.1610,
-36.3480, -57.1480

■ 72.2010, -33.8250,
-64.3290

■ 220.6220,
-26.8600, -41.8680

■ 56.9390, -26.6750,
-50.7310

■ 233.0830,
-17.3720, -26.5880

■ 41.6770, -19.5250,
-37.1330

■ 245.6580, -8.2050,
-10.9970

■ 27.5890, -12.9250,
-24.5810

■ 9.9790, -4.6750,

-8.8910

■ 0.0000, 0.0000,
0.0000

■ 131.2940,
-74.3520, -84.2720

■ 131.2940,
-74.3520, -84.2720

■ 128.3320,
-77.5150, -87.5230

■ 138.8700,
-66.9260, -75.6780

■ 146.7450,
-58.9040, -66.8720

■ 154.6200,
-50.8820, -58.0660

■ 162.3100,
-43.7770, -49.1610

■ 170.1850,
-35.7550, -40.3550

■ 178.0600,
-27.7330, -31.5490

■ 185.6360,
-20.3070, -22.9550

■ 193.5110,
-12.2850, -14.1490

■ 201.0870, -4.8590,
-5.5550

Harmonies

Analogous

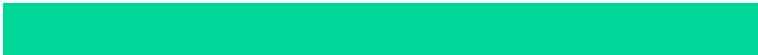
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



159.6470, 40.7720, -67.1320



131.2940, -74.3520, -84.2720



142.5870, -108.0090, -63.5050

Triad

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



131.2940, -74.3520, -84.2720



142.9480, -135.2050, -22.1570



146.0320, 86.3720, 42.6280

Complementary

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



131.2940, -74.3520, -84.2720



82.7060, 74.3520, 84.2720

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.



152.2170, 62.0670, 70.1230



131.2940, -74.3520, -84.2720



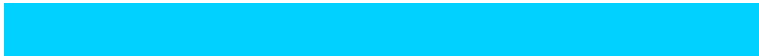
163.8870, -53.0050, 18.9870

Square

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



131.2940, -74.3520, -84.2720



151.7530, -139.3300, -30.0020



178.6790, 34.2830, 67.0430



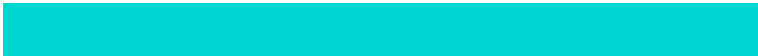
159.0870, 100.5930, -0.3590

Rectangle

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



131.2940, -74.3520, -84.2720



149.5580, -126.2600, -46.6120



178.6790, 34.2830, 67.0430



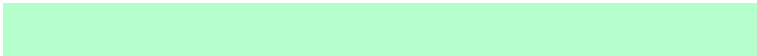
144.3000, 80.2260, 54.8980

Sweetspot

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



131.2940, -74.3520, -84.2720



227.0600, -27.7330, -31.5490



165.7870, 28.3940, -74.0860



111.0110, -16.8690, -19.1810



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.



131.2940, -74.3520, -84.2720



158.8050, -95.8050, -108.4850



142.2380, -105.1680, -54.4160



98.2120, -3.7130, -4.2970



103.3700, -62.3420, -70.6460



23.6740, -14.3020, -16.1420

Inverse Universe

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



82.7060, 74.3520, 84.2720



96.1950, 95.8050, 108.4850



71.7620, 105.1680, 54.4160



95.7880, 3.7130, 4.2970



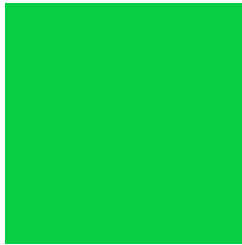
62.6300, 62.3420, 70.6460



14.3260, 14.3020, 16.1420

Previews

White Background



This preview shows how the YIQ color 131.2940, -74.3520, -84.2720 looks on a white background.

Color Contrast Check

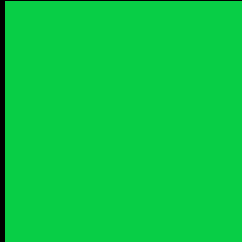
Large Text (above 18pt) WCAG AA × Fail

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 131.2940, -74.3520, -84.2720 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 131.2940, -74.3520, -84.2720 Background



This preview shows how black text looks on a background with the YIQ color 131.2940, -74.3520, -84.2720.



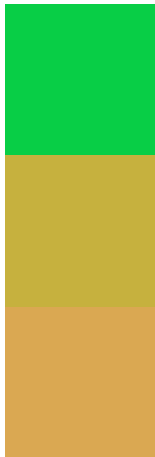
This preview shows how white text looks on a background with the YIQ color 131.2940, -74.3520, -84.2720.

-84.2720.

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

131.2940, -74.3520, -84.2720

Protanopia

170.1690, 49.4310, -31.3130

Deuteranopia

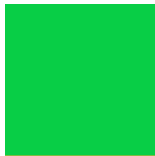
173.1460, 57.4060, -16.1460



Tritanopia

162.1190, -69.7790, -18.4430

Trichromacy



Original Color

131.2940, -74.3520, -84.2720



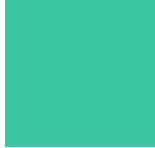
Protanomaly

156.3370, 4.3190, -50.7610



Deuteranomaly

158.1840, 9.5440, -40.8240



Tritanomaly

150.9820, -71.7920, -42.5440

Monochromacy



Original Color

131.2940, -74.3520, -84.2720



Achromatopsia

131.0000, -0.0000, -0.0000



Achromatomaly

130.8860, -27.1830, -30.5030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.2940, -74.3520, -84.2720 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(8, 206, 70)` looks like.

```
.text, #text, p{  
    color:rgb(8, 206, 70)  
}
```

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(8, 206, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 206, 70) }
```

Border

The CSS property to change the border of an element to YIQ 131.2940, -74.3520, -84.2720 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(8, 206, 70) }
```


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

```
.border{ border-color:rgb(8, 206, 70) }
```

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

Here you see how a box with a 4 pixel rgb(8, 206, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 206, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 206, 70);  
box-shadow:4px 4px 4px 4px rgb(8, 206, 70)  
}
```

Background

The CSS property to change the background color of an element to YIQ 131.2940, -74.3520, -84.2720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 206, 70) }
```

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

```
.background{ background-color: rgb(8, 206,  
70) }
```

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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