

Converting Colors

YIQ(135.8940, -66.3330,
-58.8850)

Have a look what the booklet for
YIQ(135.8940, -66.3330, -58.8850)
contains.

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Color

**YIQ(135.8940, -66.3330,
-58.8850)**

Conversions

Conversions Part 1

Format	Color
Hex	24C06D
RGB	36, 192, 109
RGB Percent	14%, 75%, 43%
CMY	0.8592, 0.2468, 0.5727
CMYK	0.81, 0.00, 0.43, 0.25
HSL	148°, 69%, 45%
HSV	148°, 81%, 75%
XYZ	22.3454, 39.2041, 20.8431
YIQ	135.8940, -66.3330, -58.8850

Conversions

Conversions Part 2

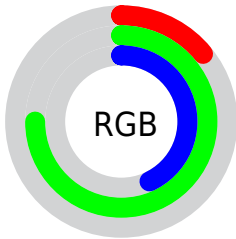
Format	Color
RYB	36, 142, 192
Decimal	2408557
CIELab	68.90, -57.35, 31.11
CIELCh	69, 65.246, 151.520
Yxy	39.2041, 0.2712, 0.4758
Android (android.graphics.Color)	4280598637 (0xFF24C06D)
YUV	135.8940, -13.2587, -87.6070
Hunter-Lab	62.6132, -45.8701, 24.0924

Details

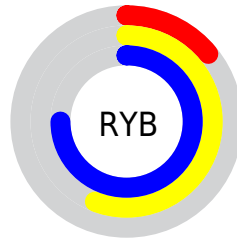
The YIQ color **135.8940, -66.3330, -58.8850** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **92.1060, 66.3330, 58.8850**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **197.6950, -55.4670, -57.5710**, and **87.2590, -56.9350, -52.9910** is the 20% darker color. If you saturate the color by 10%, you get **129.0730, -74.4470, -66.0230**, and if you desaturate by 10%, it is **142.7150, -58.2190, -51.7470**.

Distribution



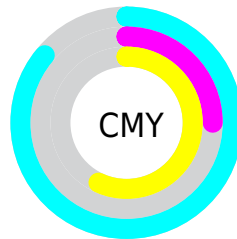
- Red (14%)
- Green (75%)
- Blue (43%)



- Red (14%)
- Yellow (56%)
- Blue (75%)



- Cyan (81%)
- Magenta (0%)
- Yellow (43%)
- Black (25%)



- Cyan (86%)
- Magenta (25%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.8940, -66.3330, -58.8850 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 135.8940, -66.3330, -58.8850 by changing the saturation by 10% instead.

■ 135.8940,
-66.3330, -58.8850

■ 135.8940,
-66.3330, -58.8850

■ 255.0000, -0.0000,
-0.0000

■ 105.8440,
-72.0640, -59.6480

■ 197.6950,
-55.4670, -57.5710

■ 87.2590, -56.9350,
-52.9910

■ 212.7920,
-47.9500, -45.1180

■ 69.2610, -42.0810,
-46.8570

■ 224.9540,
-39.0580, -30.0500

■ 51.2630, -27.2270,
-40.7230

■ 237.4150,
-29.5700, -14.7700

■ 35.2200, -16.5000,
-31.3800

■ 247.5250,
-14.9000, -5.3000

■ 21.7190, -10.1750,
-19.3510

■ 0.0000, 0.0000,

0.0000

■ 135.8940,
-66.3330, -58.8850

■ 135.8940,
-66.3330, -58.8850

■ 129.0730,
-74.4470, -66.0230

■ 142.7150,
-58.2190, -51.7470

■ 122.9640,
-81.6900, -72.4260

■ 149.5360,
-50.1050, -44.6090

■ 156.7700,
-41.7160, -36.9480

■ 163.5910,
-33.6020, -29.8100

■ 170.4120,
-25.4880, -22.6720

■ 177.2330,
-17.3740, -15.5340

■ 184.1680, -9.5810,
-8.0850

■ 191.2880, -0.8710,
-0.7350

■ 198.1090, 7.2430,
6.4030

Harmonies

Analogous

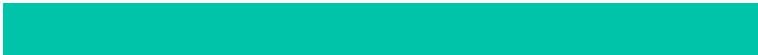
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



154.2240, 12.0670, -48.0050



135.8940, -66.3330, -58.8850



134.3180, -108.1490, -49.9490

Triad

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



135.8940, -66.3330, -58.8850



131.2080, -129.7050, -11.6970



159.8120, 83.3950, 24.9870

Complementary

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



135.8940, -66.3330, -58.8850



92.1060, 66.3330, 58.8850

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.



161.1410, 67.2520, 47.7320



135.8940, -66.3330, -58.8850



169.4340, -20.2720, 37.0080

Square

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



135.8940, -66.3330, -58.8850



140.0130, -133.8300, -19.5420



171.9700, 37.3570, 55.3810



163.9540, 84.7300, -4.7260

Rectangle

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



135.8940, -66.3330, -58.8850



138.9920, -121.3100, -37.1980



171.9700, 37.3570, 55.3810



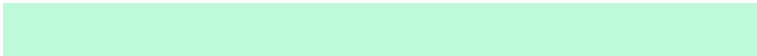
158.9290, 78.9920, 33.2000

Sweetspot

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



135.8940, -66.3330, -58.8850



228.4120, -25.4880, -22.6720



152.3890, 6.5680, -63.9920



112.0700, -15.3570, -13.5410



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



135.8940, -66.3330, -58.8850



161.9250, -104.2900, -92.3700



144.7860, -91.3710, -34.6270



93.4400, -4.3550, -3.6750



103.0570, -68.3500, -60.8780



21.1950, -14.2110, -12.2830

Inverse Universe

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



92.1060, 66.3330, 58.8850



93.0750, 104.2900, 92.3700



83.2140, 91.3710, 34.6270



90.5600, 4.3550, 3.6750



57.9430, 68.3500, 60.8780



11.9190, 13.8900, 12.5940

Previews

White Background



This preview shows how the YIQ color 135.8940, -66.3330, -58.8850 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 135.8940, -66.3330, -58.8850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

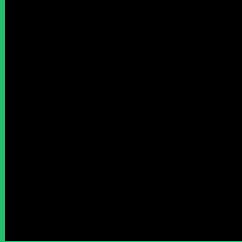
Any Text WCAG AA ✓ Pass

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 135.8940, -66.3330, -58.8850 Background



This preview shows how black text looks on a background with the YIQ color 135.8940, -66.3330, -58.8850.



This preview shows how white text looks on a background with the YIQ color 135.8940, -66.3330, -58.8850.

-58.8850.

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

135.8940, -66.3330, -58.8850

Protanopia

163.7330, 30.7680, -17.9680

Deuteranopia

166.7590, 37.0470, -5.1050



Tritanopia

152.6140, -66.7990, -17.3830

Trichromacy



Original Color

135.8940, -66.3330, -58.8850



Protanomaly

153.6250, -4.5790, -32.6670



Deuteranomaly

155.8200, -0.4540, -24.8220



Tritanomaly

146.8290, -66.5670, -32.6070

Monochromacy



Original Color

135.8940, -66.3330, -58.8850



Achromatopsia

136.0000, -0.0000, 0.0000



Achromatomaly

135.8360, -23.7460, -21.2020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.8940, -66.3330, -58.8850 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(36, 192, 109)` looks like.

```
.text, #text, p{  
    color:rgb(36, 192, 109)  
}
```

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(36, 192, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 192, 109) }
```

Border

The CSS property to change the border of an element to YIQ 135.8940, -66.3330, -58.8850 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(36, 192, 109) }
```


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

```
.border{ border-color:rgb(36, 192, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 192, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 192, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 192, 109);  
box-shadow:4px 4px 4px 4px rgb(36, 192,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 135.8940, -66.3330, -58.8850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 192, 109) }
```

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

```
.background{ background-color: rgb(36, 192,  
109) }
```

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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