

Converting Colors

YIQ(134.8380, -54.7320,
-65.3880)

Have a look what the booklet for
YIQ(134.8380, -54.7320, -65.3880)
contains.

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Color

**YIQ(134.8380, -54.7320,
-65.3880)**

Conversions

Conversions Part 1

Format	Color
Hex	2AC054
RGB	42, 192, 84
RGB Percent	16%, 75%, 33%
CMY	0.8357, 0.2468, 0.6707
CMYK	0.78, 0.00, 0.56, 0.25
HSL	137°, 64%, 46%
HSV	137°, 78%, 75%
XYZ	21.4127, 38.8564, 14.7520
YIQ	134.8380, -54.7320, -65.3880

Conversions

Conversions Part 2

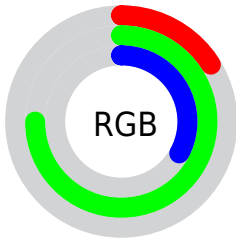
Format	Color
RYB	42, 159, 192
Decimal	2801748
CIELab	68.65, -60.62, 43.22
CIELCh	69, 74.450, 144.511
Yxy	38.8564, 0.2854, 0.5179
Android (android.graphics.Color)	4280991828 (0xFF2AC054)
YUV	134.8380, -25.0631, -81.4189
Hunter-Lab	62.3349, -47.7692, 29.6030

Details

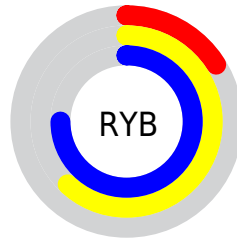
The YIQ color **134.8380, -54.7320, -65.3880** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **99.1620, 54.7320, 65.3880**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.7420, -45.6540, -64.7100**, and **84.1810, -48.2680, -61.3880** is the 20% darker color. If you saturate the color by 10%, you get **127.5610, -61.5620, -73.7700**, and if you desaturate by 10%, it is **142.1150, -47.9020, -57.0060**.

Distribution



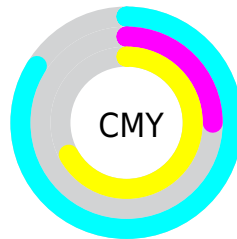
- Red (16%)
- Green (75%)
- Blue (33%)



- Red (16%)
- Yellow (62%)
- Blue (75%)



- Cyan (78%)
- Magenta (0%)
- Yellow (56%)
- Black (25%)



- Cyan (84%)
- Magenta (25%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.8380, -54.7320, -65.3880 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 134.8380, -54.7320, -65.3880 by changing the saturation by 10% instead.

■ 134.8380,
-54.7320, -65.3880

■ 134.8380,
-54.7320, -65.3880

■ 255.0000, -0.0000,
-0.0000

■ 102.9940,
-64.0390, -67.4230

■ 195.7420,
-45.6540, -64.7100

■ 84.0670, -47.9470,
-61.6990

■ 211.0240,
-37.2200, -52.3560

■ 64.5700, -30.2500,
-57.5300

■ 223.1860,
-28.3280, -37.2880

■ 49.8950, -23.3750,
-44.4550

■ 235.3480,
-19.4360, -22.2200

■ 35.2200, -16.5000,
-31.3800

■ 247.6240,
-10.8650, -6.8410

■ 21.1320, -9.9000,
-18.8280

■ 0.0000, 0.0000,

0.0000

■ 134.8380,
-54.7320, -65.3880

■ 134.8380,
-54.7320, -65.3880

■ 127.5610,
-61.5620, -73.7700

■ 142.1150,
-47.9020, -57.0060

■ 119.9850,
-68.9880, -82.3640

■ 149.3920,
-41.0720, -48.6240

■ 118.8600,
-70.1340, -83.6220

■ 156.8540,
-33.3250, -40.3410

■ 164.1310,
-26.4950, -31.9590

■ 171.4080,
-19.6650, -23.5770

■ 178.6850,
-12.8350, -15.1950

■ 185.9620, -6.0050,
-6.8130

■ 193.5380, 1.4210,
1.7810

■ 200.7010, 8.5720,
9.8520

Harmonies

Analogous

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



151.1380, 32.3800, -58.2120



134.8380, -54.7320, -65.3880



133.5540, -103.2420, -56.2820

Triad

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



134.8380, -54.7320, -65.3880



134.1430, -131.0800, -14.3120



151.1040, 85.8690, 35.2210

Complementary

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



134.8380, -54.7320, -65.3880



99.1620, 54.7320, 65.3880

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.



155.2200, 66.0120, 59.1960



134.8380, -54.7320, -65.3880



162.2140, -40.4440, 28.1320

Square

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



134.8380, -54.7320, -65.3880



142.3610, -134.9300, -21.6340



170.9230, 27.5440, 62.5200



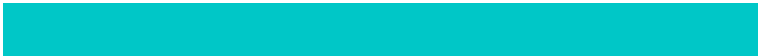
160.1130, 97.7040, 2.4400

Rectangle

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



134.8380, -54.7320, -65.3880



139.4990, -118.6040, -42.1880



170.9230, 27.5440, 62.5200



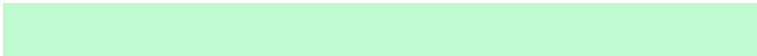
150.0900, 80.4570, 45.2010

Sweetspot

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



134.8380, -54.7320, -65.3880



227.9840, -21.4070, -25.0470



162.9400, 24.3100, -55.1300



111.6850, -12.8350, -15.1950



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.



134.8380, -54.7320, -65.3880



160.4690, -85.8110, -102.3790



143.1600, -78.1650, -42.6850



93.2120, -3.7130, -4.2970



99.6370, -58.7200, -70.2080



20.3970, -11.9640, -14.4600

Inverse Universe

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



99.1620, 54.7320, 65.3880



104.5310, 85.8110, 102.3790



90.8400, 78.1650, 42.6850



90.7880, 3.7130, 4.2970



61.3630, 58.7200, 70.2080



12.6030, 11.9640, 14.4600

Previews

White Background



This preview shows how the YIQ color 134.8380, -54.7320, -65.3880 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 134.8380, -54.7320, -65.3880 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 134.8380, -54.7320, -65.3880 Background



This preview shows how black text looks on a background with the YIQ color 134.8380, -54.7320, -65.3880.



This preview shows how white text looks on a background with the YIQ color 134.8380, -54.7320, -65.3880.

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

134.8380, -54.7320, -65.3880

Protanopia

161.1220, 39.6180, -24.1740

Deuteranopia

164.0450, 47.6850, -10.6750



Tritanopia

153.0060, -62.0310, -15.6870

Trichromacy



Original Color

134.8380, -54.7320, -65.3880



Protanomaly

151.1990, 5.1880, -38.9720



Deuteranomaly

153.1060, 10.1840, -30.3920



Tritanomaly

146.3090, -59.2310, -33.3990

Monochromacy



Original Color

134.8380, -54.7320, -65.3880



Achromatopsia

135.0000, -0.0000, -0.0000



Achromatomaly

134.9950, -19.9400, -24.1000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.8380, -54.7320, -65.3880 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(42, 192, 84)` looks like.

```
.text, #text, p{  
    color:rgb(42, 192, 84)  
}
```

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(42, 192, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 192, 84) }
```

Border

The CSS property to change the border of an element to YIQ 134.8380, -54.7320, -65.3880 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(42, 192, 84) }
```


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

```
.border{ border-color:rgb(42, 192, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 192, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 192, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 192, 84);  
box-shadow:4px 4px 4px 4px rgb(42, 192,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 134.8380, -54.7320, -65.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 192, 84) }
```

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

```
.background{ background-color: rgb(42, 192,  
84) }
```

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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