

Converting Colors

YIQ(134.0470, -53.2220,
-48.6940)

Have a look what the booklet for
YIQ(134.0470, -53.2220, -48.6940)
contains.

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Color

**YIQ(134.0470, -53.2220,
-48.6940)**

Conversions

Conversions Part 1

Format	Color
Hex	35B46E
RGB	53, 180, 110
RGB Percent	21%, 71%, 43%
CMY	0.7925, 0.2939, 0.5688
CMYK	0.71, 0.00, 0.39, 0.29
HSL	147°, 55%, 46%
HSV	147°, 71%, 71%
XYZ	20.6079, 34.5434, 20.3218
YIQ	134.0470, -53.2220, -48.6940

Conversions

Conversions Part 2

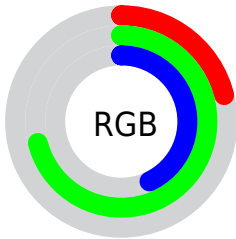
Format	Color
RYB	53, 141, 180
Decimal	3519598
CIELab	65.39, -50.45, 26.03
CIELCh	65, 56.770, 152.703
Yxy	34.5434, 0.2730, 0.4577
Android (android.graphics.Color)	4281709678 (0xFF35B46E)
YUV	134.0470, -11.8552, -71.0782
Hunter-Lab	58.7736, -40.2663, 20.6412

Details

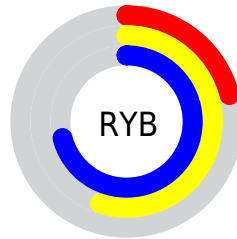
The YIQ color **134.0470, -53.2220, -48.6940** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **98.9530, 53.2220, 48.6940**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.2710, -48.0410, -48.9770**, and **80.9160, -54.2310, -46.9270** is the 20% darker color. If you saturate the color by 10%, you get **127.5250, -60.7400, -55.6200**, and if you desaturate by 10%, it is **140.5690, -45.7040, -41.7680**.

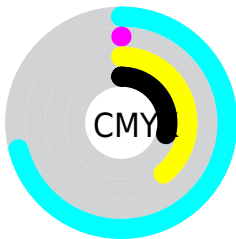
Distribution



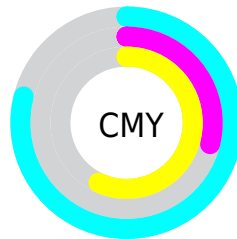
- Red (21%)
- Green (71%)
- Blue (43%)



- Red (21%)
- Yellow (55%)
- Blue (71%)



- Cyan (71%)
- Magenta (0%)
- Yellow (39%)
- Black (29%)





- Cyan (79%)
- Magenta (29%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 134.0470, -53.2220, -48.6940 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 134.0470, -53.2220, -48.6940 by changing the saturation by 10% instead.


 134.0470,
-53.2220, -48.6940


 134.0470,
-53.2220, -48.6940


255.0000, -0.0000,
-0.0000


 99.5010, -69.3600,
-53.5840


 192.2710,
-48.0410, -48.9770


 80.9160, -54.2310,
-46.9270


 214.5860,
-44.3740, -43.8460

 63.0320, -39.6980,
-40.4820


 226.4490,
-36.0780, -28.9900

 45.8490, -25.7610,
-34.2490

 238.7250,
-27.5070, -13.6110

 29.9370, -14.0250,
-26.6730

 248.7210,
-12.5160, -4.4520

 15.8490, -7.4250,
-14.1210

 0.0000, 0.0000,

0.0000

■ 134.0470,
-53.2220, -48.6940

■ 134.0470,
-53.2220, -48.6940

■ 127.5250,
-60.7400, -55.6200

■ 140.5690,
-45.7040, -41.7680

■ 121.0030,
-68.2580, -62.5460

■ 147.0910,
-38.1860, -34.8420

■ 114.8940,
-75.5010, -68.9490

■ 153.6130,
-30.6680, -27.9160

■ 160.1350,
-23.1500, -20.9900

■ 166.6570,
-15.6320, -14.0640

■ 173.1790, -8.1140,
-7.1380

■ 179.5870, -0.2750,
-0.5230

■ 186.1090, 7.2430,
6.4030

■ 192.6310, 14.7610,
13.3290

Harmonies

Analogous

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



147.5860, 8.3520, -41.2480



134.0470, -53.2220, -48.6940



126.4760, -102.6020, -45.8500

Triad

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



134.0470, -53.2220, -48.6940



141.1960, -93.9000, 5.7160



156.7900, 80.4610, 23.0930

Complementary

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



134.0470, -53.2220, -48.6940



98.9530, 53.2220, 48.6940

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.



158.8650, 67.8490, 42.4170



134.0470, -53.2220, -48.6940



161.8040, -18.4380, 36.8100

Square

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



134.0470, -53.2220, -48.6940



131.5840, -128.0080, -14.9200



162.6610, 33.5530, 47.2250



155.9080, 73.1760, -4.5840

Rectangle

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



134.0470, -53.2220, -48.6940



129.7650, -113.2410, -34.7530



162.6610, 33.5530, 47.2250



157.3480, 79.1300, 30.6980

Sweetspot

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



134.0470, -53.2220, -48.6940



216.8580, -20.8120, -19.3080



149.0770, 7.9870, -51.1570



106.5050, -12.1480, -11.1240



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



134.0470, -53.2220, -48.6940



162.6600, -83.8900, -76.6100



141.1150, -73.1240, -29.4120



85.7390, -3.7590, -3.4630



97.6770, -64.2240, -58.5600



16.5160, -10.6810, -10.1770

Inverse Universe

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



98.9530, 53.2220, 48.6940



107.3400, 83.8900, 76.6100



91.8850, 73.1240, 29.4120



83.2610, 3.7590, 3.4630



55.3230, 64.2240, 58.5600



9.3700, 11.0020, 9.8660

Previews

White Background



This preview shows how the YIQ color 134.0470, -53.2220, -48.6940 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 134.0470, -53.2220, -48.6940 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 134.0470, -53.2220, -48.6940 Background



This preview shows how black text looks on a background with the YIQ color 134.0470, -53.2220, -48.6940.



This preview shows how white text looks on a background with the YIQ color 134.0470, -53.2220, -48.6940.

-48.6940.

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

134.0470, -53.2220, -48.6940

Protanopia

155.3890, 26.0450, -14.9710

Deuteranopia

157.5890, 31.7740, -3.1540



Tritanopia

145.6860, -58.1340, -14.7260

Trichromacy



Original Color

134.0470, -53.2220, -48.6940



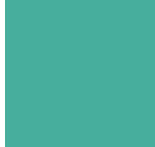
Protanomaly

147.5700, -2.7460, -27.3380



Deuteranomaly

149.3520, 1.1040, -20.0160



Tritanomaly

141.3790, -56.2520, -26.8120

Monochromacy



Original Color

134.0470, -53.2220, -48.6940



Achromatopsia

134.0000, -0.0000, -0.0000



Achromatomaly

134.2820, -19.0700, -17.8380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.0470, -53.2220, -48.6940 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(53, 180, 110)` looks like.

```
.text, #text, p{  
    color:rgb(53, 180, 110)  
}
```

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(53, 180, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 180, 110) }
```

Border

The CSS property to change the border of an element to YIQ 134.0470, -53.2220, -48.6940 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(53, 180, 110) }
```


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

```
.border{ border-color:rgb(53, 180, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 180, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 180, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 180, 110);  
box-shadow:4px 4px 4px 4px rgb(53, 180,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 134.0470, -53.2220, -48.6940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 180, 110) }
```

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

```
.background{ background-color: rgb(53, 180,  
110) }
```

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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