

Converting Colors

YIQ(211.8540, 54.9320,
-26.3800)

Have a look what the booklet for
YIQ(211.8540, 54.9320, -26.3800)
contains.

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Color

**YIQ(211.8540, 54.9320,
-26.3800)**

Conversions

Conversions Part 1

Format	Color
Hex	F8D66A
RGB	248, 214, 106
RGB Percent	97%, 84%, 42%
CMY	0.0274, 0.1608, 0.5840
CMYK	0.00, 0.14, 0.57, 0.03
HSL	46°, 91%, 69%
HSV	46°, 57%, 97%
XYZ	65.3610, 69.0851, 23.5465
YIQ	211.8540, 54.9320, -26.3800

Conversions

Conversions Part 2

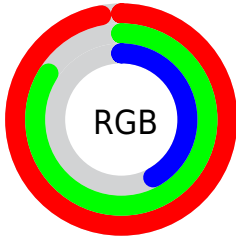
Format	Color
RYB	151, 248, 106
Decimal	16307818
CIELab	86.55, -0.68, 56.76
CIELCh	87, 56.761, 90.686
Yxy	69.0851, 0.4137, 0.4373
Android (android.graphics.Color)	4294497898 (0xFFFF8D66A)
YUV	211.8540, -52.1860, 31.7000
Hunter-Lab	83.1174, -5.0885, 41.3858

Details

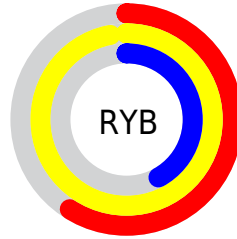
The YIQ color **211.8540, 54.9320, -26.3800** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **142.1460, -54.9320, 26.3800**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **244.1700, 30.4950, -29.5450**, and **156.4730, 51.6310, -27.1290** is the 20% darker color. If you saturate the color by 10%, you get **205.4820, 64.6070, -31.0170**, and if you desaturate by 10%, it is **218.2260, 45.2570, -21.7430**.

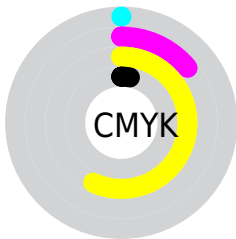
Distribution



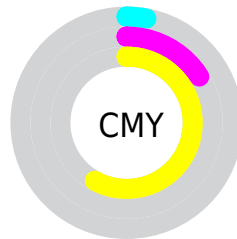
- Red (97%)
- Green (84%)
- Blue (42%)



- Red (59%)
- Yellow (97%)
- Blue (42%)



- Cyan (0%)
- Magenta (14%)
- Yellow (57%)
- Black (3%)




- Cyan (3%)
- Magenta (16%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 211.8540, 54.9320, -26.3800 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 211.8540, 54.9320, -26.3800 by changing the saturation by 10% instead.


 211.8540, 54.9320,
-26.3800


 211.8540, 54.9320,
-26.3800


255.0000, -0.0000,
-0.0000


 183.4840, 53.0980,
-26.1820


 244.1700, 30.4950,
-29.5450

 156.4730, 51.6310,
-27.1290


 247.3620, 21.5070,
-20.8370


 129.1200, 51.1270,
-29.0090

 250.6680, 12.1980,
-11.8180

 103.4510, 48.6970,
-29.0230

 253.9740, 2.8890,
-2.7990

 80.4040, 38.8840,
-21.8840

 59.4170, 28.8420,
-16.1020

 38.7290, 19.3960,

-10.1080

■ 19.8130, 10.5920,
-4.7360

■ 0.0000, 0.0000,
0.0000

■ 211.8540, 54.9320,
-26.3800

■ 211.8540, 54.9320,
-26.3800

■ 205.4820, 64.6070,
-31.0170

■ 218.2260, 45.2570,
-21.7430

■ 199.1100, 74.2820,
-35.6540

■ 224.5980, 35.5820,
-17.1060

■ 192.8520, 83.6360,
-39.9800

■ 230.8560, 26.2280,
-12.7800

■ 186.4800, 93.3110,
-44.6170

■ 237.2280, 16.5530,
-8.1430

■ 185.0950, 95.8330,
-46.2710

■ 243.6000, 6.8780,
-3.5060

■ 249.9720, -2.7970,
1.1310

■ 252.9070, -4.1720,
-1.4840

Harmonies

Analogous

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



204.8460, 58.5510, -9.3610



211.8540, 54.9320, -26.3800



206.5110, 12.9370, -41.7430

Triad

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



211.8540, 54.9320, -26.3800



171.7110, -148.6800, -47.7840



212.1490, 20.0750, 38.1790

Complementary

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



211.8540, 54.9320, -26.3800



142.1460, -54.9320, 26.3800

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.



214.0220, -5.0930, 20.7230



211.8540, 54.9320, -26.3800



167.6020, -146.7550, -44.1230

Square

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



211.8540, 54.9320, -26.3800



167.8520, -136.4360, -60.4360



197.3570, -67.2130, -9.8770



202.0610, 34.7020, 31.9020

Rectangle

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



211.8540, 54.9320, -26.3800



200.6130, -22.6410, -46.7450



197.3570, -67.2130, -9.8770



215.6710, 18.4250, 35.0410

Sweetspot

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



211.8540, 54.9320, -26.3800



244.2280, 16.5530, -8.1430



152.5620, 73.0760, 41.3000



120.9270, 10.2710, -4.4250



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.



211.8540, 54.9320, -26.3800



210.2820, 68.0460, -32.7700



221.3470, 24.7220, -51.5820



121.7570, 4.9980, -2.4740



140.4520, 73.3190, -34.7210



45.8280, 23.4310, -11.6490

Inverse Universe

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



142.1460, -54.9320, 26.3800



123.7180, -68.0460, 32.7700



132.9520, -24.1260, 51.7940



115.2430, -4.9980, 2.4740



47.9610, -73.0440, 35.2440



15.7590, -23.7060, 11.1260

Previews

White Background



This preview shows how the YIQ color 211.8540, 54.9320, -26.3800 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 211.8540, 54.9320, -26.3800 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 211.8540, 54.9320, -26.3800

Background



This preview shows how black text looks on a background with the YIQ color 211.8540, 54.9320, -26.3800.



This preview shows how white text looks on a background with the YIQ color 211.8540, 54.9320, -26.3800.

-26.3800.

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

211.8540, 54.9320, -26.3800

Protanopia

211.3370, 49.0180, -29.3340

Deuteranopia

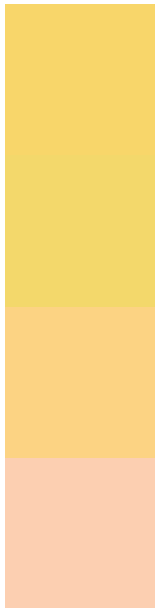
215.5720, 47.6390, -9.8410



Tritanopia

220.1440, 26.4980, 15.3780

Trichromacy



Original Color

211.8540, 54.9320, -26.3800

Protanomaly

211.6470, 51.0810, -28.1750

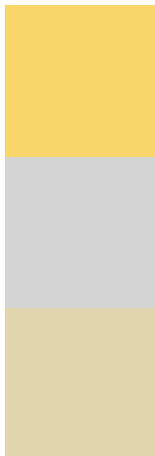
Deuteranomaly

214.1390, 50.1160, -16.1880

Tritanomaly

217.0350, 36.4500, 0.2100

Monochromacy



Original Color

211.8540, 54.9320, -26.3800

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.0280, 19.9920, -9.8960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.8540, 54.9320, -26.3800 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(248, 214, 106)` looks like.

```
.text, #text, p{  
    color:rgb(248, 214, 106)  
}
```

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(248, 214, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 214, 106) }
```

Border

The CSS property to change the border of an element to YIQ 211.8540, 54.9320, -26.3800 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(248, 214, 106) }
```


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

```
.border{ border-color:rgb(248, 214, 106) }
```

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

Here you see how a box with a 4 pixel rgb(248, 214, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 214, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 214, 106);  
box-shadow:4px 4px 4px 4px rgb(248, 214,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 211.8540, 54.9320, -26.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 214, 106) }
```

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

```
.background{ background-color: rgb(248,  
214, 106) }
```

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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