

Converting Colors

YIQ(213.6940, 52.8670,
-16.4850)

Have a look what the booklet for
YIQ(213.6940, 52.8670, -16.4850)
contains.

YIQ(213.6940, 52.8670, -16.4850)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(213.6940, 52.8670,
-16.4850)**

Conversions

Conversions Part 1

Format	Color
Hex	FED27F
RGB	254, 210, 127
RGB Percent	100%, 82%, 50%
CMY	0.0039, 0.1765, 0.5017
CMYK	0.00, 0.17, 0.50, 0.00
HSL	39°, 98%, 75%
HSV	39°, 50%, 100%
XYZ	67.7553, 68.6915, 29.7903
YIQ	213.6940, 52.8670, -16.4850

Conversions

Conversions Part 2

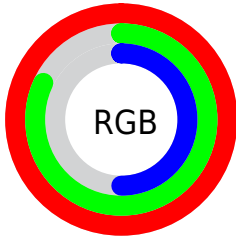
Format	Color
RYB	194, 254, 127
Decimal	16700031
CIELab	86.35, 5.49, 46.63
CIElCh	86, 46.951, 83.290
Yxy	68.6915, 0.4076, 0.4132
Android (android.graphics.Color)	4294890111 (0xFF FED27F)
YUV	213.6940, -42.7401, 35.3484
Hunter-Lab	82.8803, 0.8846, 36.7052

Details

The YIQ color $213.6940, 52.8670, -16.4850$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $167.3060, -52.8670, 16.4850$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $246.5640, 23.7540, -23.0140$, and $158.5410, 48.9240, -16.6120$ is the 20% darker color. If you saturate the color by 10%, you get $205.5610, 63.3670, -19.5530$, and if you desaturate by 10%, it is $221.8270, 42.3670, -13.4170$.

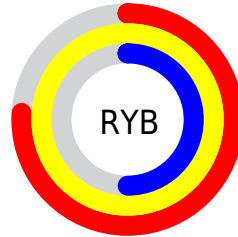
Distribution



Red (100%)

Green (82%)

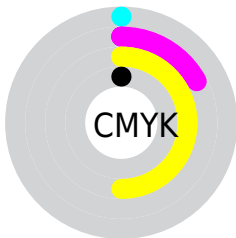
Blue (50%)



Red (76%)

Yellow (100%)

Blue (50%)

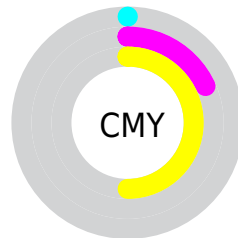


Cyan (0%)

Magenta (17%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.6940, 52.8670, -16.4850 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 213.6940, 52.8670, -16.4850 by changing the saturation by 10% instead.


 213.6940, 52.8670,
-16.4850


 213.6940, 52.8670,
-16.4850


255.0000, -0.0000,
-0.0000


 185.3240, 51.0330,
-16.2870

 246.5640, 23.7540,
-23.0140


 158.5410, 48.9240,
-16.6120


 249.7560, 14.7660,
-14.3060

 131.7580, 46.8150,
-16.9370

 253.0620, 5.4570,
-5.2870

 105.7470, 45.3480,
-17.8840

 80.4370, 43.2850,
-19.0430

 59.1620, 34.1140,
-12.5260

 39.0610, 24.3930,

-7.0550

■ 19.8460, 14.9930,
-1.8950

■ 0.0000, 0.0000,
0.0000

■ 213.6940, 52.8670,
-16.4850

■ 213.6940, 52.8670,
-16.4850

■ 205.5610, 63.3670,
-19.5530

■ 221.8270, 42.3670,
-13.4170

■ 197.3140, 74.1880,
-22.9320

■ 230.0740, 31.5460,
-10.0380

■ 189.7680, 84.4130,
-26.5230

■ 237.6200, 21.3210,
-6.4470

■ 181.5210, 95.2340,
-29.9020

■ 245.8670, 10.5000,
-3.0680

■ 173.3880,
105.7340, -32.9700

254.0000, -0.0000,
-0.0000

254.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



206.7670, 51.7640, -1.9960



213.6940, 52.8670, -16.4850



209.4400, 20.8670, -31.2690

Triad

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



213.6940, 52.8670, -16.4850



168.7930, -145.9750, -47.2470



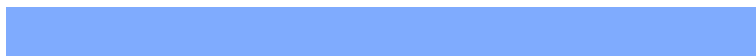
218.0190, 17.3250, 32.9490

Complementary

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



213.6940, 52.8670, -16.4850



167.3060, -52.8670, 16.4850

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.



212.7600, -16.2790, 14.1930



213.6940, 52.8670, -16.4850



176.2950, -126.5370, -36.0810

Square

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



213.6940, 52.8670, -16.4850



192.2530, -73.9930, -41.2010



199.7270, -65.3790, -10.0750



209.0710, 28.7420, 29.7820

Rectangle

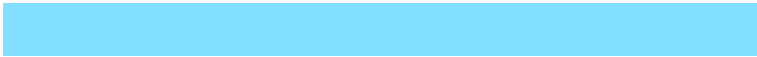
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



213.6940, 52.8670, -16.4850



205.3210, -6.7790, -36.8510



199.7270, -65.3790, -10.0750



218.2630, 10.5860, 28.4260

Sweetspot

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



213.6940, 52.8670, -16.4850



243.0370, 15.7730, -5.0190



170.1030, 61.2470, 40.9190



120.6820, 9.5830, -2.9690



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.



213.6940, 52.8670, -16.4850



206.4470, 63.6880, -19.8640



233.8410, 29.4430, -43.5250



123.5830, 5.5480, -1.4280



130.4840, 79.4610, -24.8830



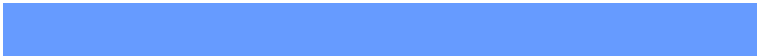
43.7900, 26.5940, -8.3980

Inverse Universe

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



167.3060, -52.8670, 16.4850



150.5530, -63.6880, 19.8640



147.1590, -29.4430, 43.5250



118.8300, -5.2730, 1.9510



60.5160, -79.4610, 24.8830



20.2100, -26.5940, 8.3980

Previews

White Background



This preview shows how the YIQ color 213.6940, 52.8670, -16.4850 looks on a white background.

Color Contrast Check

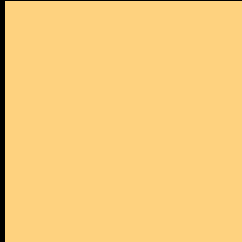
Large Text (above 18pt) WCAG AA × Fail

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 213.6940, 52.8670, -16.4850 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 213.6940, 52.8670, -16.4850

Background



This preview shows how black text looks on a background with the YIQ color 213.6940, 52.8670, -16.4850.



This preview shows how white text looks on a background with the YIQ color 213.6940, 52.8670, -16.4850.

-16.4850.

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

213.6940, 52.8670, -16.4850

Protanopia

212.3610, 40.4430, -22.6050

Deuteranopia

215.3270, 46.9510, -8.3850



Tritanopia

219.3290, 27.4150, 15.2790

Trichromacy



Original Color

213.6940, 52.8670, -16.4850

Protanomaly

212.8670, 44.8900, -20.5980

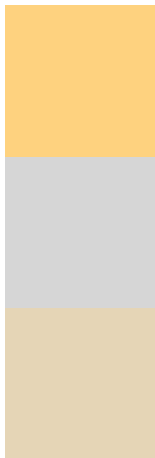
Deuteranomaly

215.0020, 49.2440, -11.3960

Tritanomaly

217.4420, 36.8620, 3.7580

Monochromacy



Original Color

213.6940, 52.8670, -16.4850

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.2500, 19.4870, -6.2490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.6940, 52.8670, -16.4850 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(254, 210, 127)` looks like.

```
.text, #text, p{  
    color:rgb(254, 210, 127)  
}
```

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(254, 210, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 210, 127) }
```

Border

The CSS property to change the border of an element to YIQ 213.6940, 52.8670, -16.4850 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(254, 210, 127) }
```


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

```
.border{ border-color:rgb(254, 210, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 210, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 210, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 210, 127);  
box-shadow:4px 4px 4px 4px rgb(254, 210,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 213.6940, 52.8670, -16.4850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 210, 127) }
```

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

```
.background{ background-color: rgb(254,  
210, 127) }
```

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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