

Converting Colors

YIQ(215.1840, 54.2430,
-19.3970)

Have a look what the booklet for
YIQ(215.1840, 54.2430, -19.3970)
contains.

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Color

**YIQ(215.1840, 54.2430,
-19.3970)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD57A
RGB	255, 213, 122
RGB Percent	100%, 84%, 48%
CMY	0.0000, 0.1647, 0.5213
CMYK	0.00, 0.16, 0.52, 0.00
HSL	41°, 100%, 74%
HSV	41°, 52%, 100%
XYZ	68.5471, 70.2464, 28.3821
YIQ	215.1840, 54.2430, -19.3970

Conversions

Conversions Part 2

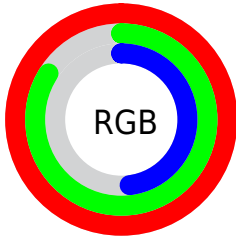
Format	Color
R _Y B	183, 255, 122
Decimal	16766330
CIE _{Lab}	87.12, 3.92, 50.03
CIE _{LCh}	87, 50.183, 85.525
Y _{xy}	70.2464, 0.4100, 0.4202
Android (android.graphics.Color)	4294956410 (0xFFFFD57A)
Y _{UV}	215.1840, -45.9397, 34.9186
Hunter-Lab	83.8132, -0.6857, 38.5915

Details

The YIQ color $215.1840, 54.2430, -19.3970$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $161.8160, -54.2430, 19.3970$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.9940, 25.3590, -24.5690$, and $159.9170, 50.6210, -19.8350$ is the 20% darker color. If you saturate the color by 10%, you get $207.6380, 64.4680, -22.9880$, and if you desaturate by 10%, it is $222.8440, 43.6970, -15.4950$.

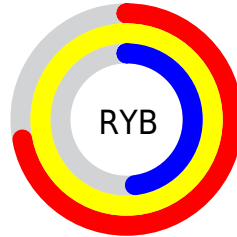
Distribution



Red (100%)

Green (84%)

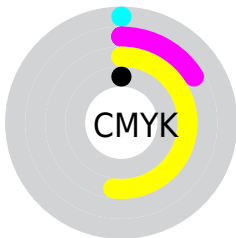
Blue (48%)



Red (72%)

Yellow (100%)

Blue (48%)

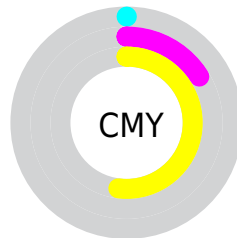


Cyan (0%)

Magenta (16%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.1840, 54.2430, -19.3970 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 215.1840, 54.2430, -19.3970 by changing the saturation by 10% instead.

215.1840, 54.2430,
-19.3970

215.1840, 54.2430,
-19.3970

255.0000, -0.0000,
-0.0000

186.8140, 52.4090,
-19.1990

245.9940, 25.3590,
-24.5690

159.9170, 50.6210,
-19.8350

249.1860, 16.3710,
-15.8610

133.1340, 48.5120,
-20.1600

252.4920, 7.0620,
-6.8420

106.1940, 48.2830,
-21.5170

81.9100, 43.3310,
-19.8770

60.9230, 33.2890,
-14.0950

40.2350, 23.8430,

-8.1010

■ 21.0200, 14.4430,
-2.9410

■ 0.0000, 0.0000,
0.0000

■ 215.1840, 54.2430,
-19.3970

■ 215.1840, 54.2430,
-19.3970

■ 207.6380, 64.4680,
-22.9880

■ 222.8440, 43.6970,
-15.4950

■ 199.9780, 75.0140,
-26.8900

■ 230.3900, 33.4720,
-11.9040

■ 192.4320, 85.2390,
-30.4810

■ 238.0500, 22.9260,
-8.0020

■ 184.7720, 95.7850,
-34.3830

■ 245.5960, 12.7010,
-4.4110

178.3830,
104.1300, -36.9420

253.2560, 2.1550,
-0.5090

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



207.3710, 52.8190, -4.5970



215.1840, 54.2430, -19.3970



210.5490, 18.9420, -34.9300

Triad

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



215.1840, 54.2430, -19.3970



171.7110, -148.6800, -47.7840



217.4320, 17.6000, 33.4720

Complementary

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



215.1840, 54.2430, -19.3970



161.8160, -54.2430, 19.3970

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.



215.4400, -12.3820, 15.1540



215.1840, 54.2430, -19.3970



168.1890, -147.0300, -44.6460

Square

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



215.1840, 54.2430, -19.3970



189.7890, -87.4260, -45.5540



200.0150, -66.2500, -10.8100



208.3700, 29.3380, 29.9940

Rectangle

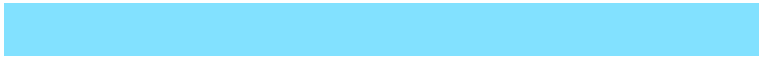
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



215.1840, 54.2430, -19.3970



206.1740, -10.8590, -40.0030



200.0150, -66.2500, -10.8100



220.6550, 15.3540, 30.1220

Sweetspot

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



215.1840, 54.2430, -19.3970



242.6950, 16.7360, -5.9520



166.5550, 65.7860, 41.2580



120.4540, 10.2250, -3.5910



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.



215.1840, 54.2430, -19.3970



206.7090, 65.7060, -23.3980



232.6620, 28.3890, -46.4510



123.5830, 5.5480, -1.4280



134.0060, 77.8110, -28.0210



44.9640, 26.0440, -9.4440

Inverse Universe

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



161.8160, -54.2430, 19.3970



142.2910, -65.7060, 23.3980



144.3380, -28.3890, 46.4510



118.8300, -5.2730, 1.9510



56.9940, -77.8110, 28.0210



19.0360, -26.0440, 9.4440

Previews

White Background



This preview shows how the YIQ color 215.1840, 54.2430, -19.3970 looks on a white background.

Color Contrast Check

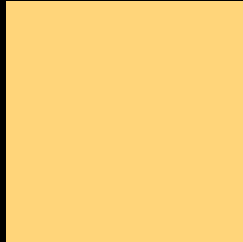
Large Text (above 18pt) WCAG AA × Fail

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 215.1840, 54.2430, -19.3970 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 215.1840, 54.2430, -19.3970

Background



This preview shows how black text looks on a background with the YIQ color 215.1840, 54.2430, -19.3970.



This preview shows how white text looks on a background with the YIQ color 215.1840, 54.2430, -19.3970.

-19.3970.

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

215.1840, 54.2430, -19.3970

Protanopia

214.4490, 43.0110, -25.0930

Deuteranopia

217.7720, 44.2000, -8.0880



Tritanopia

221.4320, 25.6270, 14.6430

Trichromacy



Original Color

215.1840, 54.2430, -19.3970

Protanomaly

214.6560, 46.8620, -23.2980

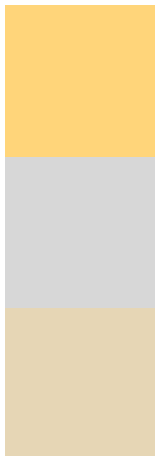
Deuteranomaly

216.9910, 47.7770, -12.3430

Tritanomaly

219.2030, 36.0370, 2.1890

Monochromacy



Original Color

215.1840, 54.2430, -19.3970

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

215.0220, 20.1290, -6.8710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.1840, 54.2430, -19.3970 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(255, 213, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 122)  
}
```

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(255, 213, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 122) }
```

Border

The CSS property to change the border of an element to YIQ 215.1840, 54.2430, -19.3970 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(255, 213, 122) }
```


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

```
.border{ border-color:rgb(255, 213, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 215.1840, 54.2430, -19.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 122) }
```

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

```
.background{ background-color: rgb(255,  
213, 122) }
```

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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