

Converting Colors

YIQ(191.9070, 56.5810,
-17.7150)

Have a look what the booklet for
YIQ(191.9070, 56.5810, -17.7150)
contains.

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Color

**YIQ(191.9070, 56.5810,
-17.7150)**

Conversions

Conversions Part 1

Format	Color
Hex	EBBC63
RGB	235, 188, 99
RGB Percent	92%, 74%, 39%
CMY	0.0784, 0.2628, 0.6115
CMYK	0.00, 0.20, 0.58, 0.08
HSL	39°, 77%, 66%
HSV	39°, 58%, 92%
XYZ	54.5004, 54.5248, 19.4750
YIQ	191.9070, 56.5810, -17.7150

Conversions

Conversions Part 2

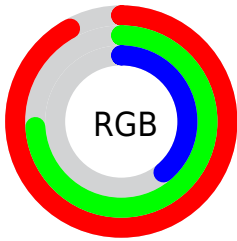
Format	Color
RYB	171, 235, 99
Decimal	15449187
CIELab	78.77, 6.91, 50.71
CIElCh	79, 51.174, 82.236
Yxy	54.5248, 0.4241, 0.4243
Android (android.graphics.Color)	4293639267 (0xFFEBBC63)
YUV	191.9070, -45.8032, 37.7926
Hunter-Lab	73.8409, 2.5254, 36.0513

Details

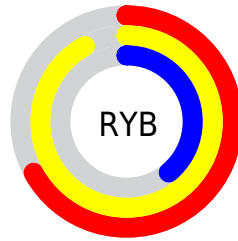
The YIQ color **191.9070, 56.5810, -17.7150** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **142.0930, -56.5810, 17.7150**, and the grayscale version is **192.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.8010, 36.0880, -26.2800**, and **137.3410, 52.3630, -18.3650** is the 20% darker color. If you saturate the color by 10%, you get **184.5890, 66.1640, -20.6840**, and if you desaturate by 10%, it is **199.3390, 46.6770, -14.4350**.

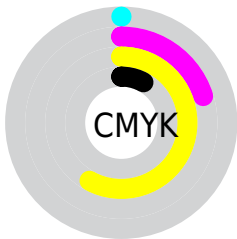
Distribution



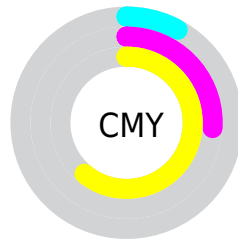
- Red (92%)
- Green (74%)
- Blue (39%)



- Red (67%)
- Yellow (92%)
- Blue (39%)



- Cyan (0%)
- Magenta (20%)
- Yellow (58%)
- Black (8%)





- Cyan (8%)
- Magenta (26%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 191.9070, 56.5810, -17.7150 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 191.9070, 56.5810, -17.7150 by changing the saturation by 10% instead.


 191.9070, 56.5810,
-17.7150

 191.9070, 56.5810,
-17.7150


255.0000, -0.0000,
-0.0000


 164.1240, 54.4720,
-18.0400


 236.8010, 36.0880,
-26.2800


 137.3410, 52.3630,
-18.3650

 246.4500, 24.0750,
-23.3250


 111.1020, 51.5380,
-19.9340

 249.6420, 15.0870,
-14.6170

 86.0630, 47.2740,
-19.7500

 252.8340, 6.0990,
-5.9090

 64.7880, 38.1030,
-13.2330

 43.5020, 27.4650,
-7.6630

 24.2870, 18.0650,

-2.5030

■ 1.1960, 2.3840,
0.8480

■ 0.0000, 0.0000,
0.0000

■ 191.9070, 56.5810,
-17.7150

■ 191.9070, 56.5810,
-17.7150

■ 184.5890, 66.1640,
-20.6840

■ 199.3390, 46.6770,
-14.4350

■ 177.1570, 76.0680,
-23.9640

■ 206.6570, 37.0940,
-11.4660

■ 169.8390, 85.6510,
-26.9330

■ 214.0890, 27.1900,
-8.1860

■ 161.8200, 95.8300,
-29.6900

■ 221.9940, 17.3320,
-5.7400

160.6630, 97.7100,
-30.7220

229.4260, 7.4280,
-2.4600

236.7440, -2.1550,
0.5090

243.1500, -9.1700,
0.9900

247.8460,
-11.3700, -3.1940

249.0200,
-11.9200, -4.2400

Harmonies

Analogous

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



190.4160, 66.1140, 2.2580



191.9070, 56.5810, -17.7150



187.5280, 23.4350, -33.7570

Triad

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



191.9070, 56.5810, -17.7150



154.6590, -133.7340, -43.3180



200.5170, 16.2230, 41.9110

Complementary

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



191.9070, 56.5810, -17.7150



142.0930, -56.5810, 17.7150

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.



192.6590, -26.0000, 19.6640



191.9070, 56.5810, -17.7150



154.6880, -140.7050, -32.6170

Square

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



191.9070, 56.5810, -17.7150



163.8380, -89.1220, -47.8580



174.2330, -87.2950, -9.3670



192.2300, 41.7160, 36.9480

Rectangle

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



191.9070, 56.5810, -17.7150



183.5120, -5.9990, -39.9750



174.2330, -87.2950, -9.3670



198.7710, 3.5240, 35.2680

Sweetspot

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



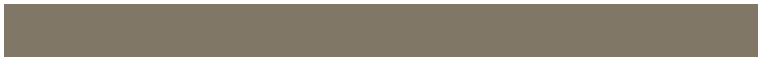
191.9070, 56.5810, -17.7150



241.2930, 17.9280, -5.5280



145.1360, 65.6480, 43.7600



119.7530, 10.8210, -3.3790



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.



191.9070, 56.5810, -17.7150



199.1290, 73.2710, -22.8330



213.5160, 31.7360, -46.5360



113.3980, 4.6310, -1.3290



123.3850, 75.4260, -23.3420



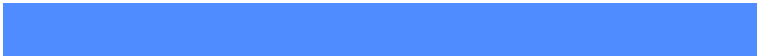
36.6910, 22.5590, -6.8570

Inverse Universe

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



142.0930, -56.5810, 17.7150



134.8710, -73.2710, 22.8330



120.4840, -31.7360, 46.5360



109.6020, -4.6310, 1.3290



57.6150, -75.4260, 23.3420



17.3090, -22.5590, 6.8570

Previews

White Background



This preview shows how the YIQ color 191.9070, 56.5810, -17.7150 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 191.9070, 56.5810, -17.7150 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 191.9070, 56.5810, -17.7150

Background



This preview shows how black text looks on a background with the YIQ color 191.9070, 56.5810, -17.7150.



This preview shows how white text looks on a background with the YIQ color 191.9070, 56.5810, -17.7150.

-17.7150.

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

191.9070, 56.5810, -17.7150

Protanopia

190.3780, 41.7730, -24.6830

Deuteranopia

192.3420, 59.7900, -15.2980



Tritanopia

198.9170, 34.5670, 17.8230

Trichromacy



Original Color

191.9070, 56.5810, -17.7150

Protanomaly

190.5960, 47.0910, -21.9410

Deuteranomaly

192.3310, 58.3230, -16.2450

Tritanomaly

196.6060, 42.2720, 4.8320

Monochromacy



Original Color

191.9070, 56.5810, -17.7150

Achromatopsia

192.0000, -0.0000, 0.0000

Achromatomaly

192.3210, 20.7250, -6.6590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.9070, 56.5810, -17.7150 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(235, 188, 99)` looks like.

```
.text, #text, p{  
    color:rgb(235, 188, 99)  
}
```

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(235, 188, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 188, 99) }
```

Border

The CSS property to change the border of an element to YIQ 191.9070, 56.5810, -17.7150 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(235, 188, 99) }
```


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

```
.border{ border-color:rgb(235, 188, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 188, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 188, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 188, 99);  
box-shadow:4px 4px 4px 4px rgb(235, 188,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 191.9070, 56.5810, -17.7150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 188, 99) }
```

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

```
.background{ background-color: rgb(235,  
188, 99) }
```

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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