

Converting Colors

YIQ(194.3010, 67.0350,
-19.9490)

Have a look what the booklet for
YIQ(194.3010, 67.0350, -19.9490)
contains.

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Color

**YIQ(194.3010, 67.0350,
-19.9490)**

Conversions

Conversions Part 1

Format	Color
Hex	F6BD56
RGB	246, 189, 86
RGB Percent	96%, 74%, 34%
CMY	0.0352, 0.2589, 0.6624
CMYK	0.00, 0.23, 0.65, 0.04
HSL	39°, 90%, 65%
HSV	39°, 65%, 96%
XYZ	57.8881, 56.6542, 16.7071
YIQ	194.3010, 67.0350, -19.9490

Conversions

Conversions Part 2

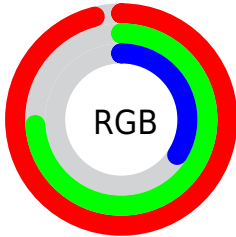
Format	Color
RYB	175, 246, 86
Decimal	16170326
CIELab	79.98, 10.10, 58.42
CIElCh	80, 59.285, 80.193
Yxy	56.6542, 0.4411, 0.4317
Android (android.graphics.Color)	4294360406 (0xFFF6BD56)
YUV	194.3010, -53.3924, 45.3400
Hunter-Lab	75.2690, 5.5606, 39.5280

Details

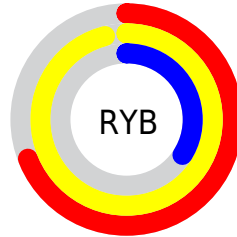
The YIQ color **194.3010, 67.0350, -19.9490** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **137.6990, -67.0350, 19.9490**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **235.9060, 39.9860, -30.8460**, and **138.9800, 63.5050, -22.0550** is the 20% darker color. If you saturate the color by 10%, you get **186.1680, 77.5350, -23.0170**, and if you desaturate by 10%, it is **202.4340, 56.5350, -16.8810**.

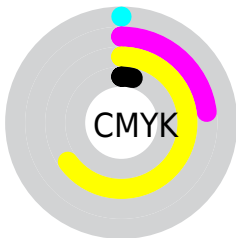
Distribution



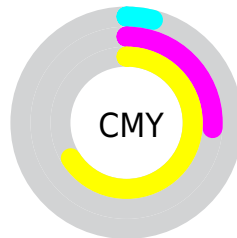
- Red (96%)
- Green (74%)
- Blue (34%)



- Red (69%)
- Yellow (96%)
- Blue (34%)



- Cyan (0%)
- Magenta (23%)
- Yellow (65%)
- Black (4%)



- Cyan (4%)
- Magenta (26%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.3010, 67.0350, -19.9490 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 194.3010, 67.0350, -19.9490 by changing the saturation by 10% instead.

194.3010, 67.0350,
-19.9490

194.3010, 67.0350,
-19.9490

255.0000, -0.0000,
-0.0000

166.5180, 64.9260,
-20.2740

236.0200, 39.6650,
-30.5350

138.9800, 63.5050,
-22.0550

244.9680, 28.2480,
-27.3680

112.1000, 63.0470,
-24.7690

248.1600, 19.2600,
-18.6600

88.7540, 52.6380,
-17.8420

251.4660, 9.9510,
-9.6410

66.8810, 42.2750,
-11.7490

254.7720, 0.6420,
-0.6220

46.1820, 31.3620,
-6.7020

26.0810, 21.6410,

-1.2310

■ 6.5780, 13.1120,
4.6640

■ 0.0000, 0.0000,
0.0000

■ 194.3010, 67.0350,
-19.9490

■ 194.3010, 67.0350,
-19.9490

■ 186.1680, 77.5350,
-23.0170

■ 202.4340, 56.5350,
-16.8810

■ 178.1490, 87.7140,
-25.7740

■ 210.4530, 46.3560,
-14.1240

■ 170.6030, 97.9390,
-29.3650

■ 217.9990, 36.1310,
-10.5330

■ 166.3000,
103.1660, -30.4820

■ 226.0180, 25.9520,
-7.7760

■ 234.1510, 15.4520,
-4.7080

■ 242.2840, 4.9520,
-1.6400

■ 249.3740, -3.9890,
0.7070

■ 252.3090, -5.3640,
-1.9080

Harmonies

Analogous

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



187.9710, 68.8650, 1.9610



194.3010, 67.0350, -19.9490



189.6610, 30.1300, -39.4540

Triad

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



194.3010, 67.0350, -19.9490



159.4520, -137.5850, -45.1130



202.7240, 20.0740, 43.7060

Complementary

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



194.3010, 67.0350, -19.9490



137.6990, -67.0350, 19.9490

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.



192.6150, -31.8680, 15.8760



194.3010, 67.0350, -19.9490



158.7970, -142.6300, -36.2780

Square

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



194.3010, 67.0350, -19.9490



152.3670, -119.0130, -62.3170



152.3400, -139.6050, -30.5250



191.0220, 39.6060, 42.1500

Rectangle

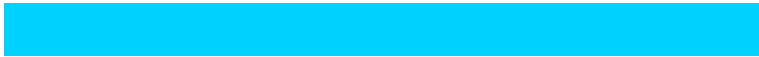
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



194.3010, 67.0350, -19.9490



184.1930, -3.8430, -46.0110



152.3400, -139.6050, -30.5250



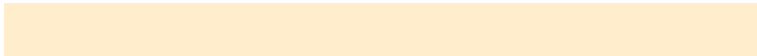
200.2550, 5.0370, 35.3810

Sweetspot

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



194.3010, 67.0350, -19.9490



238.6200, 21.3210, -6.4470



140.5660, 76.4210, 52.2690



118.0090, 12.9760, -3.8880



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.



194.3010, 67.0350, -19.9490



190.6370, 83.4040, -24.7560



221.4810, 38.8440, -54.2120



118.2840, 4.9520, -1.6400



126.0540, 77.8560, -23.3280



39.9470, 24.7140, -7.3660

Inverse Universe

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



137.6990, -67.0350, 19.9490



120.3630, -83.4040, 24.7560



110.5190, -38.8440, 54.2120



114.3030, -5.2270, 1.1170



59.9460, -77.8560, 23.3280



19.0530, -24.7140, 7.3660

Previews

White Background



This preview shows how the YIQ color 194.3010, 67.0350, -19.9490 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 194.3010, 67.0350, -19.9490 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 194.3010, 67.0350, -19.9490

Background



This preview shows how black text looks on a background with the YIQ color 194.3010, 67.0350, -19.9490.



This preview shows how white text looks on a background with the YIQ color 194.3010, 67.0350, -19.9490.

-19.9490.

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

194.3010, 67.0350, -19.9490

Protanopia

192.7390, 47.8260, -29.7580

Deuteranopia

194.3010, 67.0350, -19.9490



Tritanopia

202.2060, 41.1230, 20.1550

Trichromacy



Original Color

194.3010, 67.0350, -19.9490

Protanomaly

192.9680, 54.6110, -26.0690

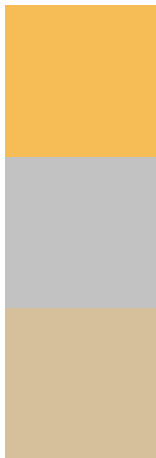
Deuteranomaly

194.3010, 67.0350, -19.9490

Tritanomaly

199.3250, 50.4330, 5.6090

Monochromacy



Original Color

194.3010, 67.0350, -19.9490

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

194.0610, 24.3930, -7.0550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.3010, 67.0350, -19.9490 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(246, 189, 86)` looks like.

```
.text, #text, p{  
    color:rgb(246, 189, 86)  
}
```

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(246, 189, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 189, 86) }
```

Border

The CSS property to change the border of an element to YIQ 194.3010, 67.0350, -19.9490 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(246, 189, 86) }
```


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

```
.border{ border-color:rgb(246, 189, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 189, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 189, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 189, 86);  
box-shadow:4px 4px 4px 4px rgb(246, 189,  
86) }
```

Background

The CSS property to change the background color of an element to YIQ 194.3010, 67.0350, -19.9490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 189, 86) }
```

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

```
.background{ background-color: rgb(246,  
189, 86) }
```

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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