

Converting Colors

YIQ(194.0250, 50.4370,
-16.4990)

Have a look what the booklet for
YIQ(194.0250, 50.4370, -16.4990)
contains.

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Color

**YIQ(194.0250, 50.4370,
-16.4990)**

Conversions

Conversions Part 1

Format	Color
Hex	E8BF6E
RGB	232, 191, 110
RGB Percent	91%, 75%, 43%
CMY	0.0902, 0.2510, 0.5684
CMYK	0.00, 0.18, 0.53, 0.09
HSL	40°, 73%, 67%
HSV	40°, 53%, 91%
XYZ	54.7277, 55.5391, 22.6066
YIQ	194.0250, 50.4370, -16.4990

Conversions

Conversions Part 2

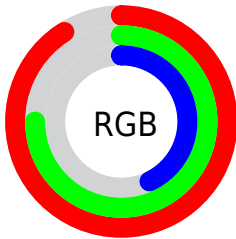
Format	Color
RYB	172, 232, 110
Decimal	15253358
CIELab	79.35, 4.97, 45.97
CIELCh	79, 46.238, 83.826
Yxy	55.5391, 0.4119, 0.4180
Android (android.graphics.Color)	4293443438 (0xFFE8BF6E)
YUV	194.0250, -41.4243, 33.3041
Hunter-Lab	74.5245, 0.6651, 34.1818

Details

The YIQ color **194.0250, 50.4370, -16.4990** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **147.9750, -50.4370, 16.4990**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **239.8160, 31.7320, -24.4280**, and **139.7580, 46.8150, -16.9370** is the 20% darker color. If you saturate the color by 10%, you get **186.7070, 60.0200, -19.4680**, and if you desaturate by 10%, it is **201.3430, 40.8540, -13.5300**.

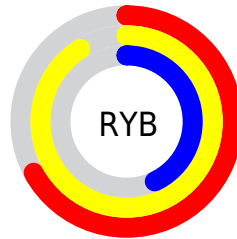
Distribution



Red (91%)

Green (75%)

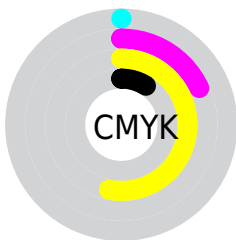
Blue (43%)



Red (67%)

Yellow (91%)

Blue (43%)

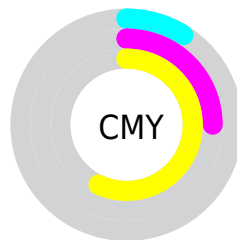


Cyan (0%)

Magenta (18%)

Yellow (53%)

Black (9%)



Cyan (9%)


Magenta (25%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 194.0250, 50.4370, -16.4990 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 194.0250, 50.4370, -16.4990 by changing the saturation by 10% instead.

 194.0250, 50.4370,
-16.4990


 194.0250, 50.4370,
-16.4990


255.0000, -0.0000,
-0.0000


 166.5410, 48.9240,
-16.6120


 239.8160, 31.7320,
-24.4280


 139.7580, 46.8150,
-16.9370


 247.7040, 20.5440,
-19.9040


 113.2740, 45.3020,
-17.0500

 250.8960, 11.5560,
-11.1960

 87.3940, 44.8440,
-19.7640

 254.2020, 2.2470,
-2.1770

 65.3640, 36.3610,
-14.7030

 44.6760, 26.9150,
-8.7090

 25.1620, 16.9190,

-3.7610

■ 1.7940, 3.5760,
1.2720

■ 0.0000, 0.0000,
0.0000

■ 194.0250, 50.4370,
-16.4990

■ 194.0250, 50.4370,
-16.4990

■ 186.7070, 60.0200,
-19.4680

■ 201.3430, 40.8540,
-13.5300

■ 179.3890, 69.6030,
-22.4370

■ 208.6610, 31.2710,
-10.5610

■ 172.5440, 79.2320,
-26.2400

■ 215.5060, 21.6420,
-6.7580

■ 165.2260, 88.8150,
-29.2090

■ 222.8240, 12.0590,
-3.7890

159.7660, 95.9220,
-31.3580

230.1420, 2.4760,
-0.8200

237.4600, -7.1070,
2.1490

242.8400,
-11.2330, -0.1690

246.9490,
-13.1580, -3.8300

248.1230,
-13.7080, -4.8760

Harmonies

Analogous

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



194.1490, 62.4920, 1.8200



194.0250, 50.4370, -16.4990



190.0700, 19.0330, -31.0710

Triad

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



194.0250, 50.4370, -16.4990



154.7730, -134.0550, -43.0070



202.1810, 17.0490, 37.9530

Complementary

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



194.0250, 50.4370, -16.4990



147.9750, -50.4370, 16.4990

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.



196.2250, -21.7820, 20.3140



194.0250, 50.4370, -16.4990



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.



194.0250, 50.4370, -16.4990



172.1820, -75.2310, -40.7910



182.6050, -70.6070, -3.4310



195.5240, 40.7080, 33.1880

Rectangle

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



194.0250, 50.4370, -16.4990



185.6630, -7.7420, -35.9180



182.6050, -70.6070, -3.4310



201.1300, 3.8910, 34.1230

Sweetspot

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



194.0250, 50.4370, -16.4990



242.1080, 17.0110, -5.4290



151.3800, 58.9090, 39.2370



119.8670, 10.5000, -3.0680



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.



194.0250, 50.4370, -16.4990



204.9480, 66.5310, -21.8290



212.7100, 28.4340, -41.7580



111.2840, 4.9520, -1.6400



122.7870, 74.2340, -23.7660



35.2070, 21.0460, -6.9700

Inverse Universe

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



147.9750, -50.4370, 16.4990



144.0520, -66.5310, 21.8290



129.2900, -28.4340, 41.7580



106.7160, -4.9520, 1.6400



55.6260, -73.9590, 24.2890



15.7930, -21.0460, 6.9700

Previews

White Background



This preview shows how the YIQ color 194.0250, 50.4370, -16.4990 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 194.0250, 50.4370, -16.4990 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 194.0250, 50.4370, -16.4990

Background



This preview shows how black text looks on a background with the YIQ color 194.0250, 50.4370, -16.4990.



This preview shows how white text looks on a background with the YIQ color 194.0250, 50.4370, -16.4990.

-16.4990.

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

194.0250, 50.4370, -16.4990

Protanopia

192.9910, 38.6090, -22.4070

Deuteranopia

194.7700, 55.7090, -12.9230



Tritanopia

200.2370, 30.6700, 16.8620

Trichromacy



Original Color

194.0250, 50.4370, -16.4990

Protanomaly

193.4970, 43.0560, -20.4000

Deuteranomaly

194.4600, 53.6460, -14.0820

Tritanomaly

198.1540, 37.7330, 4.4930

Monochromacy



Original Color

194.0250, 50.4370, -16.4990

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

194.0650, 18.5700, -6.1500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.0250, 50.4370, -16.4990 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(232, 191, 110)` looks like.

```
.text, #text, p{  
    color:rgb(232, 191, 110)  
}
```

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(232, 191, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 191, 110) }
```

Border

The CSS property to change the border of an element to YIQ 194.0250, 50.4370, -16.4990 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(232, 191, 110) }
```


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

```
.border{ border-color:rgb(232, 191, 110) }
```

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

Here you see how a box with a 4 pixel rgb(232, 191, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 191, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 191, 110);  
box-shadow:4px 4px 4px 4px rgb(232, 191,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 194.0250, 50.4370, -16.4990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 191, 110) }
```

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

```
.background{ background-color: rgb(232,  
191, 110) }
```

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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