

Converting Colors

YIQ(192.4440, 50.5750,
-19.0010)

Have a look what the booklet for
YIQ(192.4440, 50.5750, -19.0010)
contains.

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Color

**YIQ(192.4440, 50.5750,
-19.0010)**

Conversions

Conversions Part 1

Format	Color
Hex	E5BF68
RGB	229, 191, 104
RGB Percent	90%, 75%, 41%
CMY	0.1019, 0.2510, 0.5919
CMYK	0.00, 0.17, 0.55, 0.10
HSL	42°, 71%, 65%
HSV	42°, 55%, 90%
XYZ	53.4455, 54.9149, 20.8977
YIQ	192.4440, 50.5750, -19.0010

Conversions

Conversions Part 2

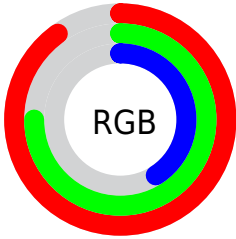
Format	Color
RYB	159, 229, 104
Decimal	15056744
CIELab	78.99, 3.24, 48.41
CIELCh	79, 48.523, 86.167
Yxy	54.9149, 0.4135, 0.4248
Android (android.graphics.Color)	4293246824 (0xFFE5BF68)
YUV	192.4440, -43.6029, 32.0596
Hunter-Lab	74.1046, -0.9459, 35.1533

Details

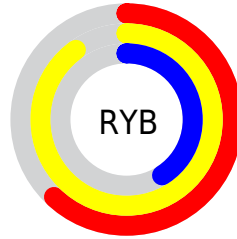
The YIQ color **192.4440, 50.5750, -19.0010** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **140.5560, -50.5750, 19.0010**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.1320, 33.6580, -26.2940**, and **138.1770, 46.9530, -19.4390** is the 20% darker color. If you saturate the color by 10%, you get **185.7130, 59.8830, -22.4930**, and if you desaturate by 10%, it is **199.1750, 41.2670, -15.5090**.

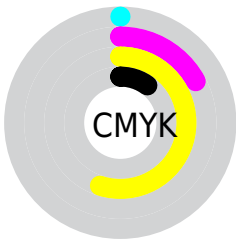
Distribution



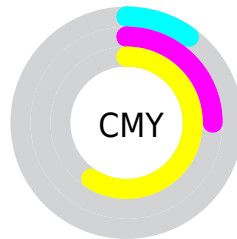
- Red (90%)
- Green (75%)
- Blue (41%)



- Red (62%)
- Yellow (90%)
- Blue (41%)



- Cyan (0%)
- Magenta (17%)
- Yellow (55%)
- Black (10%)





- Cyan (10%)
- Magenta (25%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 192.4440, 50.5750, -19.0010 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 192.4440, 50.5750, -19.0010 by changing the saturation by 10% instead.


 192.4440, 50.5750,
-19.0010


 192.4440, 50.5750,
-19.0010


255.0000, -0.0000,
-0.0000


 164.9600, 49.0620,
-19.1140


 239.1320, 33.6580,
-26.2940


 138.1770, 46.9530,
-19.4390


 247.0200, 22.4700,
-21.7700


 112.1660, 45.4860,
-20.3860

 250.2120, 13.4820,
-13.0620

 86.0410, 44.3400,
-21.6440

 253.5180, 4.1730,
-4.0430

 64.4670, 34.5730,
-15.3390

 43.7790, 25.1270,
-9.3450

 24.5640, 15.7270,

-4.1850

■ 0.0000, 0.0000,
0.0000

■ 192.4440, 50.5750,
-19.0010

■ 192.4440, 50.5750,
-19.0010

■ 185.7130, 59.8830,
-22.4930

■ 199.1750, 41.2670,
-15.5090

■ 178.9820, 69.1910,
-25.9850

■ 205.9060, 31.9590,
-12.0170

■ 172.2510, 78.4990,
-29.4770

■ 212.6370, 22.6510,
-8.5250

■ 165.5200, 87.8070,
-32.9690

■ 219.3680, 13.3430,
-5.0330

■ 161.8040, 92.7590,
-34.6090

■ 226.0990, 4.0350,
-1.5410

■ 232.7160, -4.9520,
1.6400

■ 238.4210,
-11.3710, 2.3330

■ 242.5300,
-13.2960, -1.3280

■ 246.6390,
-15.2210, -4.9890

Harmonies

Analogous

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



192.8780, 64.6930, 0.4770



192.4440, 50.5750, -19.0010



188.1190, 17.3370, -33.3750

Triad

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



192.4440, 50.5750, -19.0010



155.2290, -135.3390, -41.7630



201.1000, 21.7710, 40.4830

Complementary

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



192.4440, 50.5750, -19.0010



140.5560, -50.5750, 19.0010

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.



195.3610, -19.1690, 22.5190



192.4440, 50.5750, -19.0010



154.1010, -140.4300, -32.0940

Square

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



192.4440, 50.5750, -19.0010



165.5330, -89.5810, -45.0450



180.8330, -71.2490, -2.8090



193.3070, 42.8170, 33.5130

Rectangle

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



192.4440, 50.5750, -19.0010



183.9290, -11.5470, -38.5470



180.8330, -71.2490, -2.8090



200.8640, 7.6960, 36.7520

Sweetspot

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



192.4440, 50.5750, -19.0010



243.2820, 16.4610, -6.4750



145.9350, 61.6600, 38.9400



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.



192.4440, 50.5750, -19.0010



206.7260, 67.0360, -25.4760



207.8730, 26.4170, -43.7510



111.2840, 4.9520, -1.6400



126.3090, 72.5840, -26.9040



35.7940, 20.7710, -7.4930

Inverse Universe

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



140.5560, -50.5750, 19.0010



137.8610, -67.3110, 24.9530



125.1270, -26.4170, 43.7510



106.7160, -4.9520, 1.6400



52.1040, -72.3090, 27.4270



15.2060, -20.7710, 7.4930

Previews

White Background



This preview shows how the YIQ color 192.4440, 50.5750, -19.0010 looks on a white background.

Color Contrast Check

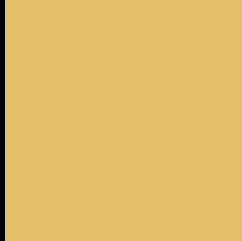
Large Text (above 18pt) WCAG AA × Fail

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 192.4440, 50.5750, -19.0010 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 192.4440, 50.5750, -19.0010

Background



This preview shows how black text looks on a background with the YIQ color 192.4440, 50.5750, -19.0010.



This preview shows how white text looks on a background with the YIQ color 192.4440, 50.5750,

-19.0010.

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

192.4440, 50.5750, -19.0010

Protanopia

191.7200, 40.8100, -23.7500

Deuteranopia

193.4990, 57.9100, -14.2660



Tritanopia

199.3400, 28.8820, 16.2260

Trichromacy



Original Color

192.4440, 50.5750, -19.0010

Protanomaly

191.9270, 44.6610, -21.9550

Deuteranomaly

192.8900, 55.2510, -15.6370

Tritanomaly

197.0290, 36.5870, 3.2350

Monochromacy



Original Color

192.4440, 50.5750, -19.0010

Achromatopsia

192.0000, -0.0000, 0.0000

Achromatomaly

192.2390, 18.0200, -7.1960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.4440, 50.5750, -19.0010 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(229, 191, 104)` looks like.

```
.text, #text, p{  
    color:rgb(229, 191, 104)  
}
```

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(229, 191, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 191, 104) }
```

Border

The CSS property to change the border of an element to YIQ 192.4440, 50.5750, -19.0010 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(229, 191, 104) }
```


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

```
.border{ border-color:rgb(229, 191, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 191, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 191, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 191, 104);  
box-shadow:4px 4px 4px 4px rgb(229, 191,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 192.4440, 50.5750, -19.0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 191, 104) }
```

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

```
.background{ background-color: rgb(229,  
191, 104) }
```

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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