

Converting Colors

YIQ(190.8340, 49.6570,
-13.3750)

Have a look what the booklet for
YIQ(190.8340, 49.6570, -13.3750)
contains.

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Color

**YIQ(190.8340, 49.6570,
-13.3750)**

Conversions

Conversions Part 1

Format	Color
Hex	E6BA71
RGB	230, 186, 113
RGB Percent	90%, 73%, 44%
CMY	0.0980, 0.2706, 0.5566
CMYK	0.00, 0.19, 0.51, 0.10
HSL	37°, 70%, 67%
HSV	37°, 51%, 90%
XYZ	53.1772, 53.1291, 23.0941
YIQ	190.8340, 49.6570, -13.3750

Conversions

Conversions Part 2

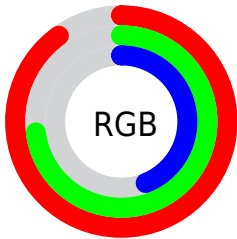
Format	Color
RYB	184, 230, 113
Decimal	15121009
CIELab	77.95, 7.04, 42.71
CIELCh	78, 43.288, 80.641
Yxy	53.1291, 0.4110, 0.4106
Android (android.graphics.Color)	4293311089 (0xFFE6BA71)
YUV	190.8340, -38.3722, 34.3486
Hunter-Lab	72.8897, 2.6689, 32.2376

Details

The YIQ color **190.8340, 49.6570, -13.3750** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **152.1660, -49.6570, 13.3750**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.2230, 32.1440, -20.8800**, and **136.6810, 45.7140, -13.5020** is the 20% darker color. If you saturate the color by 10%, you get **182.9290, 59.5150, -15.8210**, and if you desaturate by 10%, it is **198.7390, 39.7990, -10.9290**.

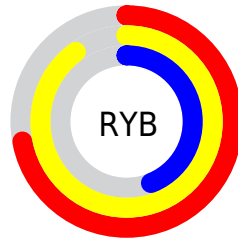
Distribution



Red (90%)

Green (73%)

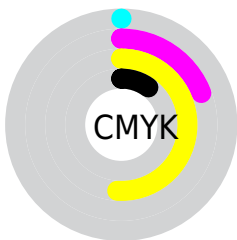
Blue (44%)



Red (72%)

Yellow (90%)

Blue (44%)

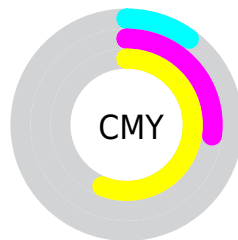


Cyan (0%)

Magenta (19%)

Yellow (51%)

Black (10%)



Cyan (10%)


Magenta (27%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 190.8340, 49.6570, -13.3750 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 190.8340, 49.6570, -13.3750 by changing the saturation by 10% instead.


 190.8340, 49.6570,
-13.3750


 190.8340, 49.6570,
-13.3750


255.0000, -0.0000,
-0.0000


 163.4640, 47.8230,
-13.1770


 237.2230, 32.1440,
-20.8800

 136.6810, 45.7140,
-13.5020


 248.0460, 19.5810,
-18.9710


 110.7840, 43.9260,
-14.1380

 251.2380, 10.5930,
-10.2630

 85.3600, 42.1840,
-15.6080

 254.5440, 1.2840,
-1.2440

 62.7170, 36.8650,
-12.8230

 41.7300, 26.8230,
-7.0410

 22.5150, 17.4230,

-1.8810

■ 0.0000, 0.0000,
0.0000

■ 190.8340, 49.6570,
-13.3750

■ 190.8340, 49.6570,
-13.3750

■ 182.9290, 59.5150,
-15.8210

■ 198.7390, 39.7990,
-10.9290

■ 175.6110, 69.0980,
-18.7900

■ 206.0570, 30.2160,
-7.9600

■ 167.7060, 78.9560,
-21.2360

■ 213.9620, 20.3580,
-5.5140

■ 159.8010, 88.8140,
-23.6820

■ 221.8670, 10.5000,
-3.0680

■ 152.7110, 97.7550,
-26.0290

■ 229.1850, 0.9170,
-0.0990

■ 237.0900, -8.9410,
2.3470

■ 242.8290,
-12.7000, -1.1160

■ 247.5250,
-14.9000, -5.3000

Harmonies

Analogous

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



192.2570, 62.3080, 5.1560



190.8340, 49.6570, -13.3750



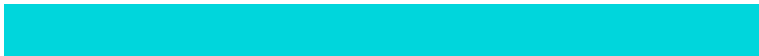
187.1460, 21.8750, -27.5090

Triad

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



190.8340, 49.6570, -13.3750



150.6980, -129.4700, -43.5020



197.8490, 12.0520, 34.9000

Complementary

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



190.8340, 49.6570, -13.3750



152.1660, -49.6570, 13.3750

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.



192.3600, -26.5960, 19.4520



190.8340, 49.6570, -13.3750



154.3190, -135.1120, -29.3520

Square

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



190.8340, 49.6570, -13.3750



172.2330, -62.0730, -36.9610



179.6480, -72.1660, -2.7100



194.9370, 40.9830, 33.7110

Rectangle

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



190.8340, 49.6570, -13.3750



183.8810, -2.4240, -33.1760



179.6480, -72.1660, -2.7100



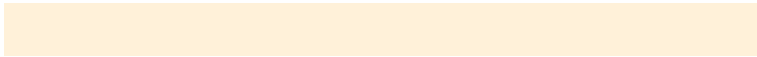
197.4390, -1.4730, 32.2150

Sweetspot

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



190.8340, 49.6570, -13.3750



242.4500, 16.0480, -4.4960



153.1130, 55.2870, 38.7990



120.0950, 9.8580, -2.4460



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.



190.8340, 49.6570, -13.3750



202.5830, 66.3010, -17.6590



212.4760, 29.2130, -39.3550



110.6970, 5.2270, -1.1170



118.6780, 76.1590, -20.1050



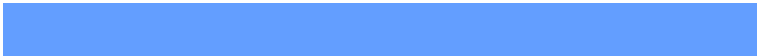
34.0330, 21.5960, -5.9240

Inverse Universe

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



152.1660, -49.6570, 13.3750



151.4170, -66.3010, 17.6590



130.5240, -29.2130, 39.3550



107.3030, -5.2270, 1.1170



59.7350, -75.8840, 20.6280



16.9670, -21.5960, 5.9240

Previews

White Background



This preview shows how the YIQ color 190.8340, 49.6570, -13.3750 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 190.8340, 49.6570, -13.3750 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 190.8340, 49.6570, -13.3750

Background



This preview shows how black text looks on a background with the YIQ color 190.8340, 49.6570, -13.3750.



This preview shows how white text looks on a background with the YIQ color 190.8340, 49.6570, -13.3750.

-13.3750.

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

190.8340, 49.6570, -13.3750

Protanopia

189.6040, 35.4450, -20.1310

Deuteranopia

190.8560, 52.5910, -11.4810



Tritanopia

196.4220, 31.5870, 16.7630

Trichromacy



Original Color

190.8340, 49.6570, -13.3750

Protanomaly

189.8220, 40.7630, -17.3890

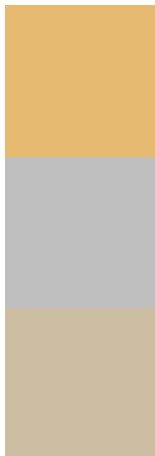
Deuteranomaly

191.1440, 51.7200, -12.2160

Tritanomaly

194.0940, 37.9620, 5.8500

Monochromacy



Original Color

190.8340, 49.6570, -13.3750

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

190.8200, 17.8820, -4.6940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.8340, 49.6570, -13.3750 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(230, 186, 113)` looks like.

```
.text, #text, p{  
    color:rgb(230, 186, 113)  
}
```

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(230, 186, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 186, 113) }
```

Border

The CSS property to change the border of an element to YIQ 190.8340, 49.6570, -13.3750 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(230, 186, 113) }
```


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

```
.border{ border-color:rgb(230, 186, 113) }
```

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

Here you see how a box with a 4 pixel rgb(230, 186, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 186, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 186, 113);  
box-shadow:4px 4px 4px 4px rgb(230, 186,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 190.8340, 49.6570, -13.3750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 186, 113) }
```

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

```
.background{ background-color: rgb(230,  
186, 113) }
```

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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