

# Converting Colors

YIQ(184.4530, 55.5240, -4.0600)

Have a look what the booklet for  
YIQ(184.4530, 55.5240, -4.0600)  
contains.

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# Color

**YIQ(184.4530, 55.5240,  
-4.0600)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBAC74
RGB	235, 172, 116
RGB Percent	92%, 67%, 45%
CMY	0.0783, 0.3256, 0.5448
CMYK	0.00, 0.27, 0.51, 0.08
HSL	28°, 75%, 69%
HSV	28°, 51%, 92%
XYZ	52.1744, 48.4246, 23.1405
YIQ	184.4530, 55.5240, -4.0600

# Conversions

## Conversions Part 2

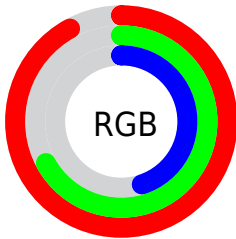
Format	Color
R <sub>Y</sub> B	235, 222, 116
Decimal	15445108
CIE Lab	75.09, 16.76, 37.70
CIE LCh	75, 41.258, 66.036
Yxy	48.4246, 0.4216, 0.3913
Android (android.graphics.Color)	4293635188 (0xFFEBAC74)
YUV	184.4530, -33.7473, 44.3297
Hunter-Lab	69.5878, 12.0542, 28.9953

# Details

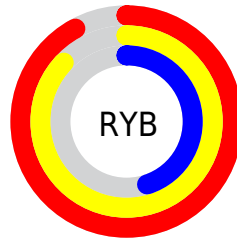
The YIQ color **184.4530, 55.5240, -4.0600** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **166.5470, -55.5240, 4.0600**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.7600, 35.3060, -12.1020**, and **130.5880, 50.7100, -4.9220** is the 20% darker color. If you saturate the color by 10%, you get **174.7870, 66.2070, -4.9370**, and if you desaturate by 10%, it is **194.2330, 44.5200, -2.8720**.

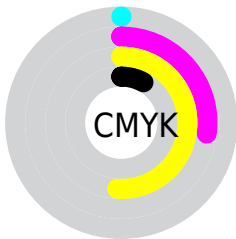
# Distribution



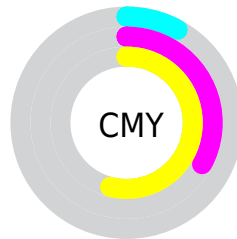
- Red (92%)
- Green (67%)
- Blue (45%)



- Red (92%)
- Yellow (87%)
- Blue (45%)



- Cyan (0%)
- Magenta (27%)
- Yellow (51%)
- Black (8%)



- Cyan (8%)
- Magenta (33%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 184.4530, 55.5240, -4.0600 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 184.4530, 55.5240, -4.0600 by changing the saturation by 10% instead.



184.4530, 55.5240,  
-4.0600

184.4530, 55.5240,  
-4.0600

255.0000, -0.0000,  
-0.0000

156.7840, 53.0940,  
-4.0740

228.7600, 35.3060,  
-12.1020

130.5880, 50.7100,  
-4.9220

248.2740, 18.9390,  
-18.3490

104.9190, 48.2800,  
-4.9360

251.5800, 9.6300,  
-9.3300

79.7230, 45.8960,  
-5.7840

254.7720, 0.6420,  
-0.6220

55.9830, 42.2280,  
-5.3880

35.5830, 31.9110,  
-0.1290

15.1940, 23.0610,

6.0770

■ 0.0000, 0.0000,  
0.0000

■ 184.4530, 55.5240,  
-4.0600

■ 184.4530, 55.5240,  
-4.0600

■ 174.7870, 66.2070,  
-4.9370

■ 194.2330, 44.5200,  
-2.8720

■ 164.4200, 77.4860,  
-5.6020

■ 204.4860, 33.5620,  
-2.5180

■ 154.7540, 88.1690,  
-6.4790

■ 214.2660, 22.5580,  
-1.3300

■ 144.3870, 99.4480,  
-7.1440

■ 224.5190, 11.6000,  
-0.9760

■ 134.8350,  
109.8100, -7.7100

■ 234.2990, 0.5960,  
0.2120

■ 244.3240, -9.7200,  
-0.0560

■ 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.



186.3530, 62.3980, 14.5420



184.4530, 55.5240, -4.0600



181.3050, 34.8490, -20.3430

# Triad

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



184.4530, 55.5240, -4.0600



159.2660, -84.0350, -35.4190



188.5090, -7.6620, 28.7380

# Complementary

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



184.4530, 55.5240, -4.0600



166.5470, -55.5240, 4.0600

# 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.



180.7100, -48.3730, 12.1310



184.4530, 55.5240, -4.0600



145.1530, -129.0130, -35.2610

# Square

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



184.4530, 55.5240, -4.0600



170.9880, -36.3980, -34.2060



165.7100, -93.0720, -9.2960



190.1190, 28.7870, 34.4750



# Rectangle

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



184.4530, 55.5240, -4.0600



179.0250, 14.9060, -27.8620



165.7100, -93.0720, -9.2960



187.1590, -21.4160, 24.6960

# Sweetspot

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



184.4530, 55.5240, -4.0600



238.9280, 17.6980, -1.3580



158.8770, 50.3800, 45.1320



117.7470, 10.9580, -0.3540



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.



184.4530, 55.5240, -4.0600



189.0820, 72.6260, -5.6300



219.0860, 39.2990, -34.9170



112.2240, 5.1810, -0.2830



104.0140, 84.5010, -6.0830



30.8210, 25.3090, -1.6270



# Inverse Universe

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



166.5470, -55.5240, 4.0600



165.5050, -72.9010, 5.1070



131.9140, -39.2990, 34.9170



110.7760, -5.1810, 0.2830



76.9860, -84.5010, 6.0830



22.5920, -25.0340, 2.1500



# Previews

## White Background



This preview shows how the YIQ color 184.4530, 55.5240, -4.0600 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

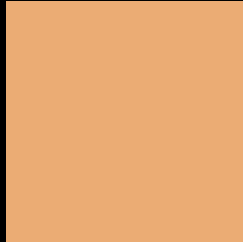
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 184.4530, 55.5240, -4.0600 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

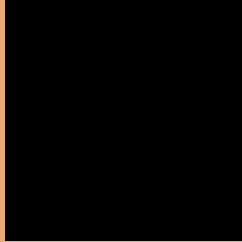
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 184.4530, 55.5240, -4.0600

## Background



This preview shows how black text looks on a background with the YIQ color 184.4530, 55.5240, -4.0600.



This preview shows how white text looks on a background with the YIQ color 184.4530, 55.5240,

-4.0600.

# 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

184.4530, 55.5240, -4.0600

### Protanopia

182.4880, 30.0800, -16.5120

### Deuteranopia

183.9850, 47.9140, -9.3180



## Tritanopia

188.2060, 41.1230, 20.1550

# Trichromacy



## Original Color

184.4530, 55.5240, -4.0600

## Protanomaly

182.9130, 39.2490, -11.9750

## Deuteranomaly

184.0070, 50.8480, -7.4240

## Tritanomaly

186.8610, 46.1680, 11.3200

# Monochromacy



## Original Color

184.4530, 55.5240, -4.0600

## Achromatopsia

184.0000, 0.0000, -0.0000

## Achromatomaly

184.4830, 20.4490, -1.6550

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 184.4530, 55.5240, -4.0600 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, 172, 116)` looks like.

```
.text, #text, p{  
    color:rgb(235, 172, 116)  
}
```

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, 172, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 172, 116) }
```

## Border

The CSS property to change the border of an element to YIQ 184.4530, 55.5240, -4.0600 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, 172, 116) }
```



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

```
.border{ border-color:rgb(235, 172, 116) }
```

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

Here you see how a box with a 4 pixel rgb(235, 172, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 172, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 172, 116);  
box-shadow:4px 4px 4px 4px rgb(235, 172,  
116) }
```

# Background

The CSS property to change the background color of an element to YIQ 184.4530, 55.5240, -4.0600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 172, 116) }
```

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

```
.background{ background-color: rgb(235,  
172, 116) }
```

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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