

# Converting Colors

YIQ(175.5820, 60.0150, 8.1670)

Have a look what the booklet for  
YIQ(175.5820, 60.0150, 8.1670)  
contains.

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# Color

**YIQ(175.5820, 60.0150,  
8.1670)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EE9A7B
RGB	238, 154, 123
RGB Percent	93%, 60%, 48%
CMY	0.0665, 0.3962, 0.5174
CMYK	0.00, 0.35, 0.48, 0.07
HSL	16°, 77%, 71%
HSV	16°, 48%, 93%
XYZ	50.4045, 42.7164, 24.3493
YIQ	175.5820, 60.0150, 8.1670

# Conversions

## Conversions Part 2

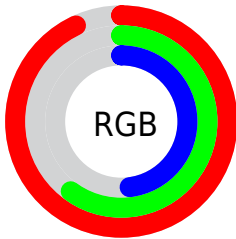
Format	Color
R <sub>Y</sub> B	238, 165, 123
Decimal	15637115
CIE Lab	71.36, 28.15, 29.23
CIE LCh	71, 40.581, 46.074
Yxy	42.7164, 0.4291, 0.3636
Android (android.graphics.Color)	4293827195 (0xFFEE9A7B)
YUV	175.5820, -25.9229, 54.7406
Hunter-Lab	65.3578, 23.2846, 23.6617

# Details

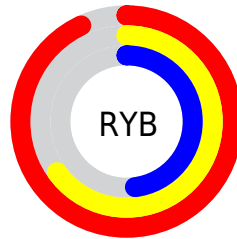
The YIQ color **175.5820, 60.0150, 8.1670** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **185.4180, -60.0150, -8.1670**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.9920, 38.0090, -0.5110**, and **121.8310, 54.8800, 7.6160** is the 20% darker color. If you saturate the color by 10%, you get **162.8670, 72.3940, 9.5940**, and if you desaturate by 10%, it is **188.2970, 47.6360, 6.7400**.

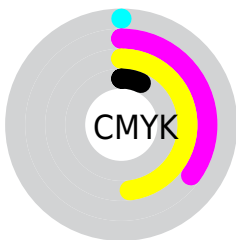
# Distribution



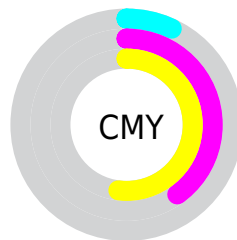
- Red (93%)
- Green (60%)
- Blue (48%)



- Red (93%)
- Yellow (65%)
- Blue (48%)



- Cyan (0%)
- Magenta (35%)
- Yellow (48%)
- Black (7%)




- Cyan (7%)
- Magenta (40%)
- Yellow (52%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 175.5820, 60.0150, 8.1670 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 175.5820, 60.0150, 8.1670 by changing the saturation by 10% instead.





 175.5820, 60.0150,  
8.1670


 175.5820, 60.0150,  
8.1670


255.0000, -0.0000,  
-0.0000

 148.5000, 57.3100,  
7.6300


 218.9920, 38.0090,  
-0.5110


 121.8310, 54.8800,  
7.6160


 238.5060, 21.6420,  
-6.7580

 95.8630, 51.8540,  
7.3900

 252.3780, 7.3830,  
-7.1530

 70.8950, 48.8280,  
7.1640

 46.4000, 45.8480,  
6.1040

 22.9680, 38.5570,  
11.5890

 12.9710, 25.3070,

9.4270

■ 0.0000, 0.0000,  
0.0000

■ 175.5820, 60.0150,  
8.1670

■ 175.5820, 60.0150,  
8.1670

■ 162.8670, 72.3940,  
9.5940

■ 188.2970, 47.6360,  
6.7400

■ 149.5650, 85.0480,  
11.5440

■ 201.5990, 34.9820,  
4.7900

■ 136.9640, 97.1060,  
13.2820

■ 214.2000, 22.9240,  
3.0520

■ 123.6620,  
109.7600, 15.2320

■ 227.5020, 10.2700,  
1.1020

■ 110.9470,  
122.1390, 16.6590

■ 240.2170, -2.1090,  
-0.3250

■ 108.7300,  
124.2480, 16.9840

■ 249.9170,  
-10.1320, -3.6040

# Harmonies

## Analogous

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



177.3390, 56.9860, 24.5220



175.5820, 60.0150, 8.1670



173.7570, 48.5560, -9.9400

# Triad

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



175.5820, 60.0150, 8.1670



157.3870, -50.7030, -33.7670



174.7550, -35.0780, 18.9860

# Complementary

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



175.5820, 60.0150, 8.1670



185.4180, -60.0150, -8.1670

# 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.



161.7660, -78.3100, -1.4940



175.5820, 60.0150, 8.1670



139.2830, -109.0680, -38.7960

# Square

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



175.5820, 60.0150, 8.1670



165.2270, -9.2100, -31.3380



137.9950, -125.3920, -29.2960



179.5060, 5.5880, 30.9000



# Rectangle

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



175.5820, 60.0150, 8.1670



171.2340, 33.6110, -19.9330



137.9950, -125.3920, -29.2960



171.0520, -49.3360, 13.0640

# Sweetspot

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



175.5820, 60.0150, 8.1670



235.6340, 18.7060, 2.4020



166.9610, 41.5760, 50.5040



116.1000, 11.4620, 1.5260



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.



175.5820, 60.0150, 8.1670



174.7320, 77.2080, 10.4560



209.0410, 44.3400, -21.6440



113.3490, 6.3270, 0.9750



83.7790, 96.1890, 13.3810



25.5490, 29.2510, 4.0270



# Inverse Universe

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



185.4180, -60.0150, -8.1670



187.2680, -77.2080, -10.4560



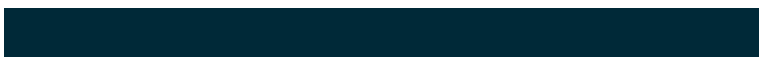
151.9590, -44.3400, 21.6440



114.6510, -6.3270, -0.9750



99.6340, -95.9140, -12.8580



30.4510, -29.2510, -4.0270



# Previews

## White Background



This preview shows how the YIQ color 175.5820, 60.0150, 8.1670 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 175.5820, 60.0150, 8.1670 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

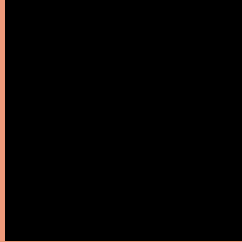
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**YIQ 175.5820, 60.0150, 8.1670**

## **Background**



This preview shows how black text looks on a background with the YIQ color 175.5820, 60.0150, 8.1670.



This preview shows how white text looks on a background with the YIQ color 175.5820, 60.0150,

8.1670.

# 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

175.5820, 60.0150, 8.1670

### Protanopia

173.6860, 20.9550, -10.8290

### Deuteranopia

174.7870, 39.8440, -6.2360



## Tritanopia

177.7620, 51.3010, 22.9250

# Trichromacy



**Original Color**

175.5820, 60.0150, 8.1670

**Protanomaly**

174.3290, 35.4420, -3.5500

**Deuteranomaly**

175.2550, 47.4540, -0.9780

**Tritanomaly**

177.1550, 54.3280, 17.6240

# Monochromacy



**Original Color**

175.5820, 60.0150, 8.1670

**Achromatopsia**

176.0000, -0.0000, -0.0000

**Achromatomaly**

176.0150, 22.0070, 3.1510

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 175.5820, 60.0150, 8.1670 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(238, 154, 123)` looks like.

```
.text, #text, p{  
    color:rgb(238, 154, 123)  
}
```

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(238, 154, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 154, 123) }
```

## Border

The CSS property to change the border of an element to YIQ 175.5820, 60.0150, 8.1670 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(238, 154, 123) }
```



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

```
.border{ border-color:rgb(238, 154, 123) }
```

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

Here you see how a box with a 4 pixel rgb(238, 154, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 154, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 154, 123);  
box-shadow:4px 4px 4px 4px rgb(238, 154,  
123) }
```

# Background

The CSS property to change the background color of an element to YIQ 175.5820, 60.0150, 8.1670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 154, 123) }
```

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

```
.background{ background-color: rgb(238,  
154, 123) }
```

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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