

Converting Colors

YIQ(159.9960, 67.7170, 11.7570)

Have a look what the booklet for
YIQ(159.9960, 67.7170, 11.7570)
contains.

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Color

**YIQ(159.9960, 67.7170,
11.7570)**

Conversions

Conversions Part 1

Format	Color
Hex	E88669
RGB	232, 134, 105
RGB Percent	91%, 53%, 41%
CMY	0.0900, 0.4746, 0.5879
CMYK	0.00, 0.42, 0.55, 0.09
HSL	14°, 73%, 66%
HSV	14°, 55%, 91%
XYZ	44.3695, 35.2252, 17.8452
YIQ	159.9960, 67.7170, 11.7570

Conversions

Conversions Part 2

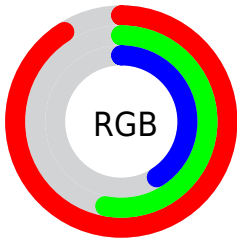
Format	Color
R_{YB}	232, 143, 105
Decimal	15238761
CIE _{Lab}	65.92, 34.75, 31.80
CIE _{LCh}	66, 47.102, 42.459
Yxy	35.2252, 0.4554, 0.3615
Android (android.graphics.Color)	4293428841 (0xFFE88669)
YUV	159.9960, -27.1130, 63.1475
Hunter-Lab	59.3508, 29.5792, 23.7186

Details

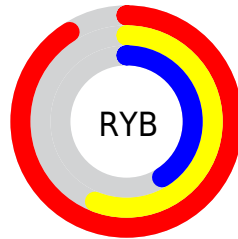
The YIQ color **159.9960, 67.7170, 11.7570** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **177.0040, -67.7170, -11.7570**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **204.4990, 49.8830, 4.5630**, and **106.6470, 61.3900, 10.7820** is the 20% darker color. If you saturate the color by 10%, you get **146.8080, 80.0500, 14.0180**, and if you desaturate by 10%, it is **173.1840, 55.3840, 9.4960**.

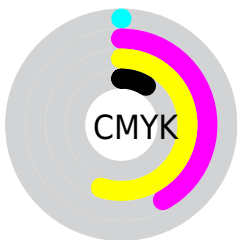
Distribution



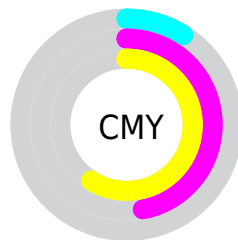
- Red (91%)
- Green (53%)
- Blue (41%)



- Red (91%)
- Yellow (56%)
- Blue (41%)



- Cyan (0%)
- Magenta (42%)
- Yellow (55%)
- Black (9%)




- Cyan (9%)
- Magenta (47%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.9960, 67.7170, 11.7570 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 159.9960, 67.7170, 11.7570 by changing the saturation by 10% instead.

 159.9960, 67.7170,
11.7570


 159.9960, 67.7170,
11.7570


255.0000, -0.0000,
-0.0000


 133.0280, 64.6910,
11.5310


 204.4990, 49.8830,
4.5630


 106.6470, 61.3900,
10.7820


 224.0130, 33.5160,
-1.6840


 80.7930, 58.0430,
10.8670

 244.1140, 16.8740,
-8.4540

 54.9390, 54.6960,
10.9520

 253.2900, 4.8150,
-4.6650

 28.6490, 49.8810,
15.6170

 17.6410, 35.1640,
12.5080

 9.3830, 18.1550,

6.8830

■ 0.0000, 0.0000,
0.0000

■ 159.9960, 67.7170,
11.7570

■ 159.9960, 67.7170,
11.7570

■ 146.8080, 80.0500,
14.0180

■ 173.1840, 55.3840,
9.4960

■ 133.6200, 92.3830,
16.2790

■ 186.3720, 43.0510,
7.2350

■ 120.3180,
105.0370, 18.2290

■ 199.6740, 30.3970,
5.2850

■ 107.1300,
117.3700, 20.4900

■ 212.8620, 18.0640,
3.0240

■ 100.4790,
123.6970, 21.4650

■ 226.0500, 5.7310,
0.7630

■ 239.2380, -6.6020,
-1.4980

■ 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.



161.5510, 62.4410, 30.2890



159.9960, 67.7170, 11.7570



158.0630, 56.4420, -9.6860

Triad

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



159.9960, 67.7170, 11.7570



137.8650, -58.2210, -40.6930



157.5130, -49.0160, 18.2800

Complementary

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



159.9960, 67.7170, 11.7570



177.0040, -67.7170, -11.7570

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.



128.3240, -124.3400, -15.3160



159.9960, 67.7170, 11.7570



127.0120, -106.8670, -40.1390

Square

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



159.9960, 67.7170, 11.7570



149.5600, -5.9540, -35.2820



129.6970, -118.5610, -26.4410



164.3900, 0.2230, 34.5190

Rectangle

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



159.9960, 67.7170, 11.7570



156.0730, 41.3140, -21.8700



129.6970, -118.5610, -26.4410



151.3040, -67.7210, 10.3510

Sweetspot

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



159.9960, 67.7170, 11.7570



231.5420, 21.9610, 3.9850



154.3730, 43.5920, 58.0240



113.9970, 13.2500, 2.1620



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.



159.9960, 67.7170, 11.7570



159.5380, 89.6780, 15.7420



196.3900, 50.6670, -20.6690



110.4630, 6.0060, 1.2860



78.1860, 96.6010, 16.9290



23.1900, 28.8840, 5.1720

Inverse Universe

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



177.0040, -67.7170, -11.7570



182.4620, -89.6780, -15.7420



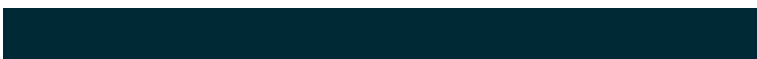
140.6100, -50.6670, 20.6690



112.5370, -6.0060, -1.2860



102.8140, -96.6010, -16.9290



30.2230, -28.6090, -4.6490

Previews

White Background



This preview shows how the YIQ color 159.9960, 67.7170, 11.7570 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 159.9960, 67.7170, 11.7570 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 159.9960, 67.7170, 11.7570

Background



This preview shows how black text looks on a background with the YIQ color 159.9960, 67.7170, 11.7570.



This preview shows how white text looks on a background with the YIQ color 159.9960, 67.7170,

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

159.9960, 67.7170, 11.7570

Protanopia

158.8710, 21.8720, -10.9280

Deuteranopia

159.3310, 41.1280, -7.4800



Tritanopia

161.5350, 59.3700, 25.3700

Trichromacy



Original Color

159.9960, 67.7170, 11.7570

Protanomaly

159.4110, 38.1470, -3.0130

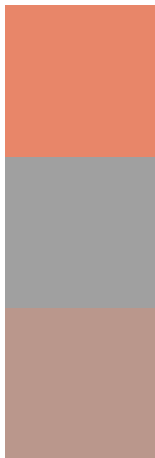
Deuteranomaly

159.5220, 51.0760, -0.5400

Tritanomaly

161.0420, 62.0760, 20.3800

Monochromacy



Original Color

159.9960, 67.7170, 11.7570

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

160.2110, 24.3910, 3.9990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.9960, 67.7170, 11.7570 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, 134, 105)` looks like.

```
.text, #text, p{  
    color:rgb(232, 134, 105)  
}
```

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, 134, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 134, 105) }
```

Border

The CSS property to change the border of an element to YIQ 159.9960, 67.7170, 11.7570 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, 134, 105) }
```


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

```
.border{ border-color:rgb(232, 134, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 134, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 134, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 134, 105);  
box-shadow:4px 4px 4px 4px rgb(232, 134,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 159.9960, 67.7170, 11.7570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 134, 105) }
```

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

```
.background{ background-color: rgb(232,  
134, 105) }
```

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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