

Converting Colors

YIQ(155.7750, 67.6220, 30.0060)

Have a look what the booklet for
YIQ(155.7750, 67.6220, 30.0060)
contains.

YIQ(155.7750, 67.6220, 30.0060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(155.7750, 67.6220,
30.0060)**

Conversions

Conversions Part 1

Format	Color
Hex	EF7684
RGB	239, 118, 132
RGB Percent	94%, 46%, 52%
CMY	0.0624, 0.5374, 0.4821
CMYK	0.00, 0.51, 0.45, 0.06
HSL	353°, 79%, 70%
HSV	353°, 51%, 94%
XYZ	46.2640, 32.9765, 25.7801
YIQ	155.7750, 67.6220, 30.0060

Conversions

Conversions Part 2

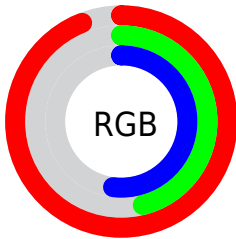
Format	Color
R _Y B	239, 118, 132
Decimal	15693444
CIE Lab	64.14, 47.87, 14.45
CIE LCh	64, 50.006, 16.792
Yxy	32.9765, 0.4405, 0.3140
Android (android.graphics.Color)	4293883524 (0xFFEF7684)
YUV	155.7750, -11.7211, 72.9883
Hunter-Lab	57.4252, 43.3124, 13.5804

Details

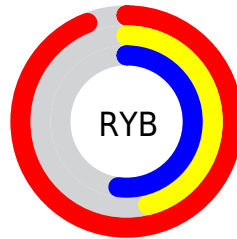
The YIQ color **155.7750, 67.6220, 30.0060** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **201.2250, -67.6220, -30.0060**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **198.8860, 45.0200, 21.1160**, and **101.1380, 62.1660, 29.7660** is the 20% darker color. If you saturate the color by 10%, you get **139.2930, 80.9630, 36.0270**, and if you desaturate by 10%, it is **172.2570, 54.2810, 23.9850**.

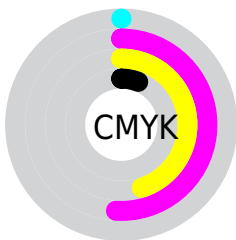
Distribution



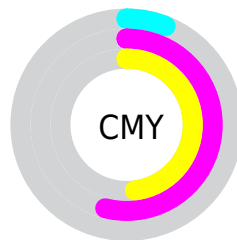
- Red (94%)
- Green (46%)
- Blue (52%)



- Red (94%)
- Yellow (46%)
- Blue (52%)



- Cyan (0%)
- Magenta (51%)
- Yellow (45%)
- Black (6%)



- Cyan (6%)
- Magenta (54%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 155.7750, 67.6220, 30.0060 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 155.7750, 67.6220, 30.0060 by changing the saturation by 10% instead.


 155.7750, 67.6220,
30.0060


 155.7750, 67.6220,
30.0060


255.0000, -0.0000,
-0.0000


 128.1060, 65.1920,
29.9920


 198.8860, 45.0200,
21.1160

 100.5510, 62.4410,
30.2890

 218.5140, 28.3320,
15.1800

 72.8220, 60.2400,
31.6320

 238.7290, 11.3690,
8.7210

 40.5110, 59.9180,
37.4700

 29.5600, 49.0540,
25.1020

 19.4350, 38.7400,
13.7800

 10.8780, 21.1350,

7.9430

■ 0.0000, 0.0000,
0.0000

■ 155.7750, 67.6220,
30.0060

■ 155.7750, 67.6220,
30.0060

■ 139.2930, 80.9630,
36.0270

■ 172.2570, 54.2810,
23.9850

■ 122.8110, 94.3040,
42.0480

■ 188.7390, 40.9400,
17.9640

■ 106.3290,
107.6450, 48.0690

■ 205.2210, 27.5990,
11.9430

■ 89.8470, 120.9860,
54.0900

■ 221.8170, 13.9370,
6.2330

■ 74.6530, 133.4560,
59.3760

■ 237.7120, 0.8710,
0.7350

■ 250.2160, -9.5360,
-3.3920

Harmonies

Analogous

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



158.7900, 46.0710, 40.6230



155.7750, 67.6220, 30.0060



154.0840, 70.2850, 9.2690

Triad

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



155.7750, 67.6220, 30.0060



142.5590, -13.3810, -38.3490



125.0300, -123.3320, -11.5560

Complementary

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



155.7750, 67.6220, 30.0060



201.2250, -67.6220, -30.0060

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.



127.6910, -118.4240, -23.4160



155.7750, 67.6220, 30.0060



119.1750, -91.6890, -50.8970

Square

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



155.7750, 67.6220, 30.0060



148.9740, 28.1110, -30.3930



125.0060, -106.7300, -37.1140



153.4860, -44.3860, 22.4780

Rectangle

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



155.7750, 67.6220, 30.0060



153.5800, 62.3560, -6.7320



125.0060, -106.7300, -37.1140



126.2210, -122.5520, -14.6800

Sweetspot

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



155.7750, 67.6220, 30.0060



228.8180, 21.3640, 9.3000



163.7870, 24.9310, 60.3150



112.1050, 13.0660, 5.4980



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.



155.7750, 67.6220, 30.0060



147.8100, 86.8770, 38.9810



181.1810, 59.4660, 1.5940



111.7020, 6.8310, 2.8550



57.4100, 102.9230, 45.5390



17.5420, 31.1290, 14.0490

Inverse Universe

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



155.7750, 67.6220, 30.0060



147.8100, 86.8770, 38.9810



175.8190, -59.4660, -1.5940



111.7020, 6.8310, 2.8550



57.4100, 102.9230, 45.5390



17.5420, 31.1290, 14.0490

Previews

White Background



This preview shows how the YIQ color 155.7750, 67.6220, 30.0060 looks on a white background.

Color Contrast Check

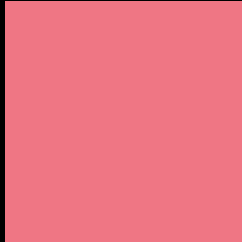
Large Text (above 18pt) WCAG AA × Fail

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 155.7750, 67.6220, 30.0060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

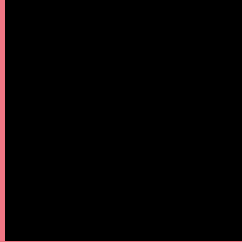
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.7750, 67.6220, 30.0060

Background



This preview shows how black text looks on a background with the YIQ color 155.7750, 67.6220, 30.0060.



This preview shows how white text looks on a background with the YIQ color 155.7750, 67.6220,

30.0060.

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

155.7750, 67.6220, 30.0060

Protanopia

156.0390, 4.2640, -0.1840

Deuteranopia

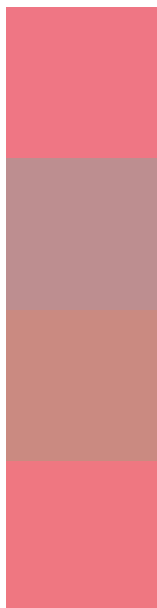
156.6470, 25.8590, -0.5810



Tritanopia

155.7920, 68.9520, 27.9280

Trichromacy



Original Color

155.7750, 67.6220, 30.0060

Protanomaly

156.2810, 27.3700, 10.5860

Deuteranomaly

156.1100, 41.0330, 10.7690

Tritanomaly

156.0200, 68.3100, 28.5500

Monochromacy



Original Color

155.7750, 67.6220, 30.0060

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

155.7260, 24.6190, 10.8830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.7750, 67.6220, 30.0060 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(239, 118, 132)` looks like.

```
.text, #text, p{  
    color:rgb(239, 118, 132)  
}
```

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(239, 118, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 118, 132) }
```

Border

The CSS property to change the border of an element to YIQ 155.7750, 67.6220, 30.0060 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(239, 118, 132) }
```


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

```
.border{ border-color:rgb(239, 118, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 118, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 118, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 118, 132);  
box-shadow:4px 4px 4px 4px rgb(239, 118,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 155.7750, 67.6220, 30.0060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 118, 132) }
```

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

```
.background{ background-color: rgb(239,  
118, 132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor