

Converting Colors

YIQ(165.5580, 60.5630, 20.2670)

Have a look what the booklet for
YIQ(165.5580, 60.5630, 20.2670)
contains.

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Color

**YIQ(165.5580, 60.5630,
20.2670)**

Conversions

Conversions Part 1

Format	Color
Hex	EC8885
RGB	236, 136, 133
RGB Percent	93%, 53%, 52%
CMY	0.0743, 0.4668, 0.4782
CMYK	0.00, 0.42, 0.44, 0.07
HSL	2°, 73%, 72%
HSV	2°, 44%, 93%
XYZ	47.6482, 37.1348, 26.8691
YIQ	165.5580, 60.5630, 20.2670

Conversions

Conversions Part 2

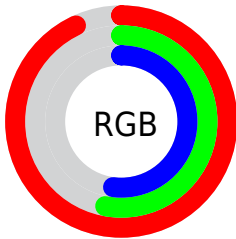
Format	Color
R _Y B	236, 136, 133
Decimal	15501445
CIE Lab	67.38, 37.81, 18.31
CIE LCh	67, 42.008, 25.837
Yxy	37.1348, 0.4268, 0.3326
Android (android.graphics.Color)	4293691525 (0xFFEC8885)
YUV	165.5580, -16.0511, 61.7776
Hunter-Lab	60.9383, 32.9286, 16.5145

Details

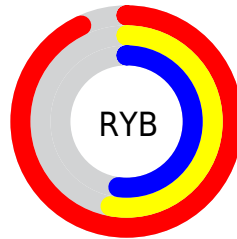
The YIQ color **165.5580, 60.5630, 20.2670** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **203.4420, -60.5630, -20.2670**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **209.5660, 39.7490, 12.0130**, and **111.8070, 55.4280, 19.7160** is the 20% darker color. If you saturate the color by 10%, you get **149.3210, 74.5920, 24.8320**, and if you desaturate by 10%, it is **181.7950, 46.5340, 15.7020**.

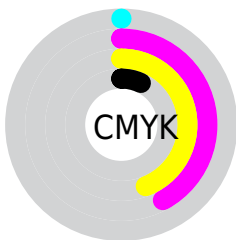
Distribution



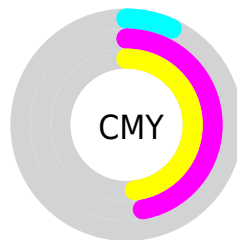
- Red (93%)
- Green (53%)
- Blue (52%)



- Red (93%)
- Yellow (53%)
- Blue (52%)



- Cyan (0%)
- Magenta (42%)
- Yellow (44%)
- Black (7%)





- Cyan (7%)
- Magenta (47%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.5580, 60.5630, 20.2670 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 165.5580, 60.5630, 20.2670 by changing the saturation by 10% instead.

 165.5580, 60.5630,
20.2670


 165.5580, 60.5630,
20.2670


255.0000, -0.0000,
-0.0000


 138.4760, 57.8580,
19.7300


 209.5660, 39.7490,
12.0130


 111.8070, 55.4280,
19.7160


 229.1940, 23.0610,
6.0770

 85.7250, 52.7230,
19.1790

 249.4090, 6.0980,
-0.3820

 59.6970, 49.9260,
20.3100

 31.4350, 47.9080,
23.8440

 19.4350, 38.7400,
13.7800

 12.0740, 23.5190,

8.7910

■ 0.0000, 0.0000,
0.0000

■ 165.5580, 60.5630,
20.2670

■ 165.5580, 60.5630,
20.2670

■ 149.3210, 74.5920,
24.8320

■ 181.7950, 46.5340,
15.7020

■ 133.1980, 88.3000,
29.7080

■ 197.9180, 32.8260,
10.8260

■ 116.9610,
102.3290, 34.2730

■ 214.1550, 18.7970,
6.2610

■ 100.8380,
116.0370, 39.1490

■ 230.2780, 5.0890,
1.3850

■ 84.6010, 130.0660,
43.7140

■ 246.5150, -8.9400,
-3.1800

■ 74.6730, 138.7310,
46.3710

■ 249.3190,
-11.3240, -4.0280

Harmonies

Analogous

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



167.5200, 46.5310, 32.2830



165.5580, 60.5630, 20.2670



164.1100, 58.2280, 2.0040

Triad

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



165.5580, 60.5630, 20.2670



151.9310, -23.0560, -33.7120



154.8430, -68.0410, 5.1350

Complementary

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



165.5580, 60.5630, 20.2670



203.4420, -60.5630, -20.2670

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.



130.8370, -121.7710, -23.3310



165.5580, 60.5630, 20.2670



139.9590, -72.9850, -37.4410

Square

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



165.5580, 60.5630, 20.2670



158.0250, 14.9060, -27.8620



129.7650, -113.2410, -34.7530



165.8600, -22.0120, 24.4840

Rectangle

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



165.5580, 60.5630, 20.2670



162.5290, 49.1980, -10.5620



129.7650, -113.2410, -34.7530



147.7050, -85.5080, -3.2040

Sweetspot

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



165.5580, 60.5630, 20.2670



232.4540, 19.3930, 6.4730



175.3110, 28.9670, 53.2470



113.8660, 12.2410, 3.9290



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.



165.5580, 60.5630, 20.2670



164.1150, 78.1680, 26.1040



194.9080, 46.8130, -5.8830



109.2890, 6.5560, 2.3320



57.0540, 106.5010, 35.7570



17.3200, 31.6340, 10.4020

Inverse Universe

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



203.4420, -60.5630, -20.2670



212.8850, -78.1680, -26.1040



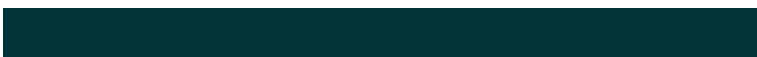
174.0920, -46.8130, 5.8830



113.7110, -6.5560, -2.3320



123.9460, -106.5010, -35.7570



36.6800, -31.6340, -10.4020

Previews

White Background



This preview shows how the YIQ color 165.5580, 60.5630, 20.2670 looks on a white background.

Color Contrast Check

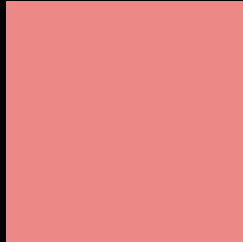
Large Text (above 18pt) WCAG AA × Fail

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 165.5580, 60.5630, 20.2670 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 165.5580, 60.5630, 20.2670

Background



This preview shows how black text looks on a background with the YIQ color 165.5580, 60.5630, 20.2670.



This preview shows how white text looks on a background with the YIQ color 165.5580, 60.5630,

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

165.5580, 60.5630, 20.2670

Protanopia

164.4540, 10.2250, -3.5910

Deuteranopia

164.8600, 29.5730, -1.8110



Tritanopia

165.9370, 58.1780, 24.9460

Trichromacy



Original Color

165.5580, 60.5630, 20.2670

Protanomaly

164.8910, 28.2880, 4.9600

Deuteranomaly

165.0620, 40.9880, 6.0760

Tritanomaly

166.0680, 59.1870, 23.1790

Monochromacy



Original Color

165.5580, 60.5630, 20.2670

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

165.6500, 21.7770, 7.3210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.5580, 60.5630, 20.2670 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(236, 136, 133)` looks like.

```
.text, #text, p{  
    color:rgb(236, 136, 133)  
}
```

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(236, 136, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 136, 133) }
```

Border

The CSS property to change the border of an element to YIQ 165.5580, 60.5630, 20.2670 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(236, 136, 133) }
```


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

```
.border{ border-color:rgb(236, 136, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 136, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 136, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 136, 133);  
box-shadow:4px 4px 4px 4px rgb(236, 136,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 165.5580, 60.5630, 20.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 136, 133) }
```

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

```
.background{ background-color: rgb(236,  
136, 133) }
```

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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