

Converting Colors

YIQ(167.2700, 61.4340, 21.0020)

Have a look what the booklet for
YIQ(167.2700, 61.4340, 21.0020)
contains.

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Color

**YIQ(167.2700, 61.4340,
21.0020)**

Conversions

Conversions Part 1

Format	Color
Hex	EF8987
RGB	239, 137, 135
RGB Percent	94%, 54%, 53%
CMY	0.0625, 0.4629, 0.4703
CMYK	0.00, 0.43, 0.44, 0.06
HSL	1°, 77%, 73%
HSV	1°, 44%, 94%
XYZ	48.9345, 37.9916, 27.6988
YIQ	167.2700, 61.4340, 21.0020

Conversions

Conversions Part 2

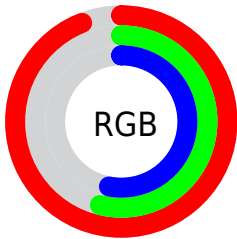
Format	Color
R _Y B	239, 137, 135
Decimal	15698311
CIE Lab	68.01, 38.61, 18.13
CIE LCh	68, 42.652, 25.151
Yxy	37.9916, 0.4269, 0.3314
Android (android.graphics.Color)	4293888391 (0xFFEF8987)
YUV	167.2700, -15.9091, 62.9072
Hunter-Lab	61.6373, 33.8478, 16.5022

Details

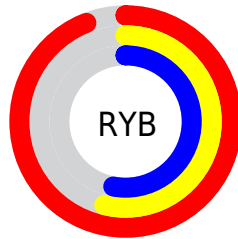
The YIQ color **167.2700, 61.4340, 21.0020** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **206.7300, -61.4340, -21.0020**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.3810, 38.8320, 12.1120**, and **113.4050, 56.6200, 20.1400** is the 20% darker color. If you saturate the color by 10%, you get **150.4460, 75.7380, 26.0900**, and if you desaturate by 10%, it is **183.5070, 47.4050, 16.4370**.

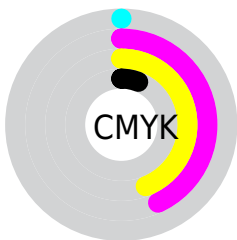
Distribution



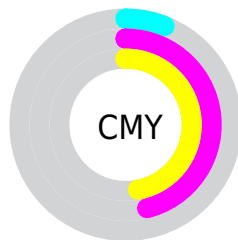
- Red (94%)
- Green (54%)
- Blue (53%)



- Red (94%)
- Yellow (54%)
- Blue (53%)



- Cyan (0%)
- Magenta (43%)
- Yellow (44%)
- Black (6%)





- Cyan (6%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 167.2700, 61.4340, 21.0020 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 167.2700, 61.4340, 21.0020 by changing the saturation by 10% instead.

 167.2700, 61.4340,
21.0020


 167.2700, 61.4340,
21.0020


255.0000, -0.0000,
-0.0000

 140.1880, 58.7290,
20.4650


 210.3810, 38.8320,
12.1120


 113.4050, 56.6200,
20.1400


 230.0090, 22.1440,
6.1760

 86.8500, 53.8690,
20.4370

 250.2240, 5.1810,
-0.2830

 60.9960, 50.5220,
20.5220

 32.4460, 49.3750,
24.7910

 20.3320, 40.5280,
14.4160

 12.9710, 25.3070,

9.4270

■ 0.0000, 0.0000,
0.0000

■ 167.2700, 61.4340,
21.0020

■ 167.2700, 61.4340,
21.0020

■ 150.4460, 75.7380,
26.0900

■ 183.5070, 47.4050,
16.4370

■ 134.2090, 89.7670,
30.6550

■ 200.3310, 33.1010,
11.3490

■ 117.9720,
103.7960, 35.2200

■ 216.5680, 19.0720,
6.7840

■ 101.1480,
118.1000, 40.3080

■ 233.3920, 4.7680,
1.6960

■ 85.0250, 131.8080,
45.1840

■ 249.6290, -9.2610,
-2.8690

■ 73.8090, 141.3440,
48.5760

■ 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.



169.0470, 46.4850, 33.1170



167.2700, 61.4340, 21.0020



165.7080, 59.4200, 2.4280

Triad

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



167.2700, 61.4340, 21.0020



153.1160, -22.1390, -33.8110



155.7610, -70.7460, 4.5980

Complementary

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



167.2700, 61.4340, 21.0020



206.7300, -61.4340, -21.0020

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.



132.2390, -122.9630, -23.7550



167.2700, 61.4340, 21.0020



140.9590, -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.



167.2700, 61.4340, 21.0020



159.2100, 15.8230, -27.9610



131.0530, -114.1120, -35.4880



167.3760, -23.5250, 24.3710

Rectangle

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



167.2700, 61.4340, 21.0020



164.1270, 50.3900, -10.1380



131.0530, -114.1120, -35.4880



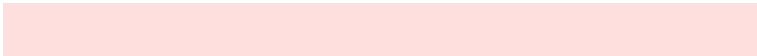
148.3240, -88.8090, -3.9530

Sweetspot

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



167.2700, 61.4340, 21.0020



231.8670, 19.6680, 6.9960



177.7240, 29.2420, 53.7700



113.2790, 12.5160, 4.4520



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.



167.2700, 61.4340, 21.0020



163.5280, 78.4430, 26.6270



197.7940, 47.1340, -6.1940



111.5880, 7.1520, 2.5440



56.7770, 108.8390, 37.4390



17.3310, 33.1010, 11.3490

Inverse Universe

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



206.7300, -61.4340, -21.0020



214.0590, -78.7180, -27.1500



176.2060, -47.1340, 6.1940



116.4120, -7.1520, -2.5440



126.6360, -108.5640, -36.9160



38.6690, -33.1010, -11.3490

Previews

White Background



This preview shows how the YIQ color 167.2700, 61.4340, 21.0020 looks on a white background.

Color Contrast Check

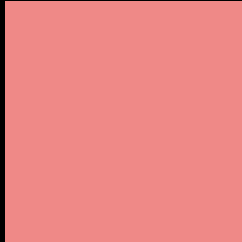
Large Text (above 18pt) WCAG AA × Fail

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 167.2700, 61.4340, 21.0020 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 167.2700, 61.4340, 21.0020

Background



This preview shows how black text looks on a background with the YIQ color 167.2700, 61.4340, 21.0020.

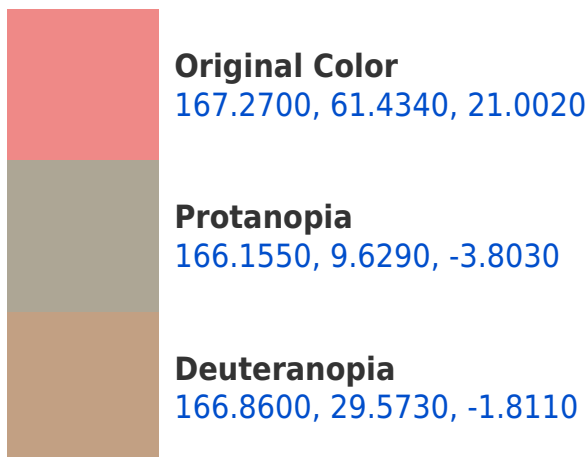


This preview shows how white text looks on a background with the YIQ color 167.2700, 61.4340,

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





Tritanopia

167.5350, 59.3700, 25.3700

Trichromacy



Original Color

167.2700, 61.4340, 21.0020

Protanomaly

166.3040, 28.5630, 5.4830

Deuteranomaly

167.0620, 40.9880, 6.0760

Tritanomaly

167.6660, 60.3790, 23.6030

Monochromacy



Original Color

167.2700, 61.4340, 21.0020

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

166.9490, 22.3730, 7.5330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.2700, 61.4340, 21.0020 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, 137, 135)` looks like.

```
.text, #text, p{  
    color:rgb(239, 137, 135)  
}
```

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, 137, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 137, 135) }
```

Border

The CSS property to change the border of an element to YIQ 167.2700, 61.4340, 21.0020 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, 137, 135) }
```


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

```
.border{ border-color:rgb(239, 137, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 137, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 137, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 137, 135);  
box-shadow:4px 4px 4px 4px rgb(239, 137,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 167.2700, 61.4340, 21.0020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 137, 135) }
```

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

```
.background{ background-color: rgb(239,  
137, 135) }
```

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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