

Converting Colors

YIQ(165.4380, 61.0210, 22.9810)

Have a look what the booklet for
YIQ(165.4380, 61.0210, 22.9810)
contains.

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Color

**YIQ(165.4380, 61.0210,
22.9810)**

Conversions

Conversions Part 1

Format	Color
Hex	EE8689
RGB	238, 134, 137
RGB Percent	93%, 53%, 54%
CMY	0.0664, 0.4747, 0.4625
CMYK	0.00, 0.44, 0.42, 0.07
HSL	358°, 75%, 73%
HSV	358°, 44%, 93%
XYZ	48.3201, 37.0342, 28.2915
YIQ	165.4380, 61.0210, 22.9810

Conversions

Conversions Part 2

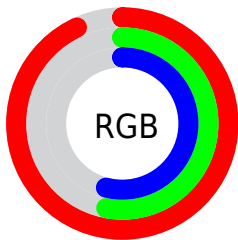
Format	Color
R _Y B	238, 134, 137
Decimal	15632009
CIE Lab	67.30, 39.99, 16.00
CIE LCh	67, 43.075, 21.808
Yxy	37.0342, 0.4252, 0.3259
Android (android.graphics.Color)	4293822089 (0xFFEE8689)
YUV	165.4380, -14.0199, 63.6369
Hunter-Lab	60.8557, 35.2334, 15.0354

Details

The YIQ color **165.4380, 61.0210, 22.9810** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **206.5620, -61.0210, -22.9810**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **208.8480, 39.0150, 14.3030**, and **111.5730, 56.2070, 22.1190** is the 20% darker color. If you saturate the color by 10%, you get **148.7280, 75.0040, 28.3800**, and if you desaturate by 10%, it is **182.1480, 47.0380, 17.5820**.

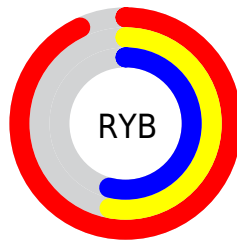
Distribution



Red (93%)

Green (53%)

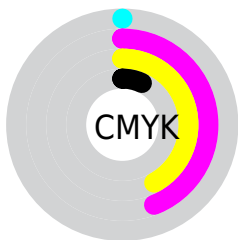
Blue (54%)



Red (93%)

Yellow (53%)

Blue (54%)

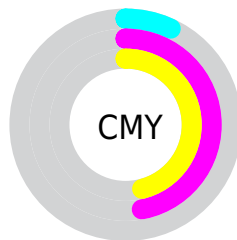


Cyan (0%)

Magenta (44%)

Yellow (42%)

Black (7%)



Cyan (7%)


Magenta (47%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.4380, 61.0210, 22.9810 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 165.4380, 61.0210, 22.9810 by changing the saturation by 10% instead.


 165.4380, 61.0210,
22.9810


 165.4380, 61.0210,
22.9810


255.0000, -0.0000,
-0.0000

 138.3560, 58.3160,
22.4440


 208.8480, 39.0150,
14.3030


 111.5730, 56.2070,
22.1190


 228.4760, 22.3270,
8.3670

 85.0180, 53.4560,
22.4160

 248.8050, 5.0430,
2.2190

 58.8760, 50.9800,
23.2360

 30.6140, 48.9620,
26.7700

 20.0330, 39.9320,
14.2040

 12.3730, 24.1150,

9.0030

0.0000, 0.0000,
0.0000

165.4380, 61.0210,
22.9810

165.4380, 61.0210,
22.9810

148.7280, 75.0040,
28.3800

182.1480, 47.0380,
17.5820

132.0180, 88.9870,
33.7790

198.8580, 33.0550,
12.1830

115.8950,
102.6950, 38.6550

214.9810, 19.3470,
7.3070

99.1850, 116.6780,
44.0540

231.6910, 5.3640,
1.9080

82.4750, 130.6610,
49.4530

248.5150, -8.9400,
-3.1800

■ 71.9600, 139.6010,
52.6330

■ 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.



167.2040, 44.6050, 34.1490



165.4380, 61.0210, 22.9810



163.6590, 61.1160, 4.7320

Triad

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



165.4380, 61.0210, 22.9810



152.1550, -17.8750, -33.9950



151.0590, -77.5770, 1.7430

Complementary

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



165.4380, 61.0210, 22.9810



206.5620, -61.0210, -22.9810

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.



131.1960, -121.4040, -24.4760



165.4380, 61.0210, 22.9810



140.5960, -67.5290, -37.2010

Square

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



165.4380, 61.0210, 22.9810



157.8900, 19.7200, -27.0000



129.7820, -111.9110, -36.8310



164.7990, -29.2100, 22.7740

Rectangle

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



165.4380, 61.0210, 22.9810



162.2630, 53.0030, -7.9330



129.7820, -111.9110, -36.8310



141.7030, -100.3620, -9.3380

Sweetspot

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



165.4380, 61.0210, 22.9810



231.9810, 19.3470, 7.3070



176.0550, 26.8120, 53.7560



113.3930, 12.1950, 4.7630



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.



165.4380, 61.0210, 22.9810



162.2230, 77.9840, 29.4400



193.8590, 48.5090, -3.5790



111.5880, 7.1520, 2.5440



55.5860, 108.0590, 40.5630



16.9720, 32.7340, 12.4940

Inverse Universe

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



165.4380, 61.0210, 22.9810



162.2230, 77.9840, 29.4400



178.1410, -48.5090, 3.5790



111.5880, 7.1520, 2.5440



55.5860, 108.0590, 40.5630



16.9720, 32.7340, 12.4940

Previews

White Background



This preview shows how the YIQ color 165.4380, 61.0210, 22.9810 looks on a white background.

Color Contrast Check

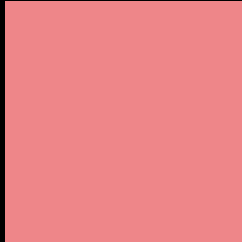
Large Text (above 18pt) WCAG AA × Fail

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 165.4380, 61.0210, 22.9810 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 165.4380, 61.0210, 22.9810

Background



This preview shows how black text looks on a background with the YIQ color 165.4380, 61.0210, 22.9810.



This preview shows how white text looks on a background with the YIQ color 165.4380, 61.0210,

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

165.4380, 61.0210, 22.9810

Protanopia

164.4260, 7.4280, -2.4600

Deuteranopia

165.0170, 27.6930, -0.7790



Tritanopia

165.8340, 59.9660, 25.5820

Trichromacy



Original Color

165.4380, 61.0210, 22.9810

Protanomaly

164.8740, 26.9580, 7.0380

Deuteranomaly

164.9310, 39.9790, 7.8430

Tritanomaly

165.6060, 60.6080, 24.9600

Monochromacy



Original Color

165.4380, 61.0210, 22.9810

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.4760, 22.3270, 8.3670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.4380, 61.0210, 22.9810 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, 134, 137)` looks like.

```
.text, #text, p{  
    color:rgb(238, 134, 137)  
}
```

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, 134, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 134, 137) }
```

Border

The CSS property to change the border of an element to YIQ 165.4380, 61.0210, 22.9810 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, 134, 137) }
```


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

```
.border{ border-color:rgb(238, 134, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 134, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 134, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 134, 137);  
box-shadow:4px 4px 4px 4px rgb(238, 134,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 165.4380, 61.0210, 22.9810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 134, 137) }
```

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

```
.background{ background-color: rgb(238,  
134, 137) }
```

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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