

Converting Colors

YIQ(165.9270, 64.1380, 27.0660)

Have a look what the booklet for
YIQ(165.9270, 64.1380, 27.0660)
contains.

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Color

**YIQ(165.9270, 64.1380,
27.0660)**

Conversions

Conversions Part 1

Format	Color
Hex	F4838D
RGB	244, 131, 141
RGB Percent	96%, 51%, 55%
CMY	0.0429, 0.4864, 0.4468
CMYK	0.00, 0.46, 0.42, 0.04
HSL	355°, 84%, 74%
HSV	355°, 46%, 96%
XYZ	50.2549, 37.3905, 29.7922
YIQ	165.9270, 64.1380, 27.0660

Conversions

Conversions Part 2

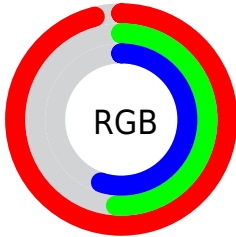
Format	Color
R_{YB}	244, 131, 141
Decimal	16024461
CIE _{Lab}	67.57, 44.10, 14.24
CIE _{LCh}	68, 46.344, 17.899
Yxy	37.3905, 0.4279, 0.3184
Android (android.graphics.Color)	4294214541 (0xFFFF4838D)
YUV	165.9270, -12.2890, 68.4700
Hunter-Lab	61.1477, 39.6935, 13.9163

Details

The YIQ color **165.9270, 64.1380, 27.0660** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **209.0730, -64.1380, -27.0660**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **207.6570, 38.2350, 17.4270**, and **111.1760, 59.0030, 26.5150** is the 20% darker color. If you saturate the color by 10%, you get **149.3310, 77.8000, 32.7760**, and if you desaturate by 10%, it is **182.5230, 50.4760, 21.3560**.

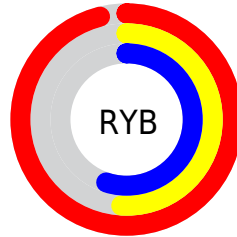
Distribution



Red (96%)

Green (51%)

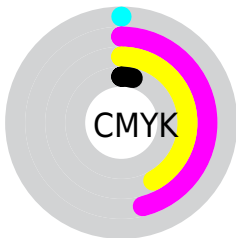
Blue (55%)



Red (96%)

Yellow (51%)

Blue (55%)

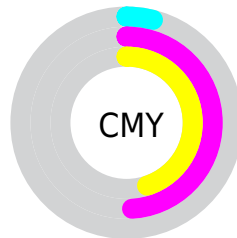


Cyan (0%)

Magenta (46%)

Yellow (42%)

Black (4%)



Cyan (4%)


Magenta (49%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.9270, 64.1380, 27.0660 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 165.9270, 64.1380, 27.0660 by changing the saturation by 10% instead.


 165.9270, 64.1380,
27.0660


 165.9270, 64.1380,
27.0660


255.0000, -0.0000,
-0.0000

 138.2580, 61.7080,
27.0520


 207.6570, 38.2350,
17.4270


 111.1760, 59.0030,
26.5150


 227.1710, 21.8680,
11.1800

 84.6210, 56.2520,
26.8120

 247.5000, 4.5840,
5.0320

 56.7180, 54.6010,
29.2010

 32.1520, 50.3830,
28.5510

 21.2290, 42.3160,
15.0520

 13.6830, 26.1780,

10.1620

■ 0.0000, 0.0000,
0.0000

■ 165.9270, 64.1380,
27.0660

■ 165.9270, 64.1380,
27.0660

■ 149.3310, 77.8000,
32.7760

■ 182.5230, 50.4760,
21.3560

■ 132.1480, 91.7370,
39.0090

■ 199.8200, 36.2180,
15.4340

■ 115.4380,
105.7200, 44.4080

■ 216.4160, 22.5560,
9.7240

■ 98.2550, 119.6570,
50.6410

■ 233.5990, 8.6190,
3.4910

■ 81.6590, 133.3190,
56.3510

■ 250.1950, -5.0430,
-2.2190

■ 75.4640, 138.3620,
58.5700

■ 251.7110, -6.5560,
-2.3320

Harmonies

Analogous

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



168.3120, 44.4210, 37.4850



165.9270, 64.1380, 27.0660



164.2900, 66.7090, 7.9970

Triad

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



165.9270, 64.1380, 27.0660



153.1400, -13.5190, -35.8470



143.3380, -100.5920, -5.1680

Complementary

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



165.9270, 64.1380, 27.0660



209.0730, -64.1380, -27.0660

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.



133.0710, -122.5500, -25.7340



165.9270, 64.1380, 27.0660



139.5910, -69.1330, -41.1730

Square

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



165.9270, 64.1380, 27.0660



158.4730, 25.2680, -28.4280



130.7280, -111.8190, -38.4990



163.8950, -38.2880, 22.0960

Rectangle

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



165.9270, 64.1380, 27.0660



162.8400, 58.6880, -6.3360



130.7280, -111.8190, -38.4990



131.3730, -126.0360, -17.6200

Sweetspot

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



165.9270, 64.1380, 27.0660



230.1060, 20.4930, 8.5650



174.3800, 24.5190, 56.7670



112.8060, 12.4700, 5.2860



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.



165.9270, 64.1380, 27.0660



156.2390, 81.0550, 34.3590



191.2020, 54.9730, 0.4210



113.7020, 6.8310, 2.8550



57.5520, 105.3990, 44.7190



18.2110, 33.5590, 14.0630

Inverse Universe

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



165.9270, 64.1380, 27.0660



156.2390, 81.0550, 34.3590



183.7980, -54.9730, -0.4210



113.7020, 6.8310, 2.8550



57.5520, 105.3990, 44.7190



18.2110, 33.5590, 14.0630

Previews

White Background



This preview shows how the YIQ color 165.9270, 64.1380, 27.0660 looks on a white background.

Color Contrast Check

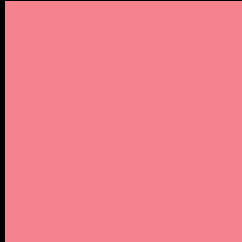
Large Text (above 18pt) WCAG AA × Fail

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 165.9270, 64.1380, 27.0660 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 165.9270, 64.1380, 27.0660

Background



This preview shows how black text looks on a background with the YIQ color 165.9270, 64.1380, 27.0660.



This preview shows how white text looks on a background with the YIQ color 165.9270, 64.1380,

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

165.9270, 64.1380, 27.0660

Protanopia

164.8110, 4.9060, -0.8060

Deuteranopia

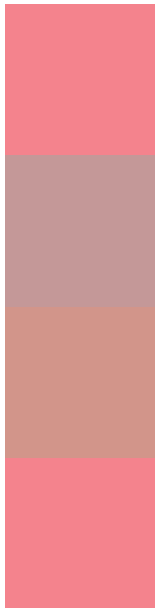
165.9460, 26.4550, -0.3690



Tritanopia

165.9270, 64.1380, 27.0660

Trichromacy



Original Color

165.9270, 64.1380, 27.0660

Protanomaly

165.1560, 26.2240, 9.3280

Deuteranomaly

165.9850, 39.8870, 9.5110

Tritanomaly

165.9270, 64.1380, 27.0660

Monochromacy



Original Color

165.9270, 64.1380, 27.0660

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

165.7150, 23.1520, 9.9360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.9270, 64.1380, 27.0660 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(244, 131, 141)` looks like.

```
.text, #text, p{  
    color:rgb(244, 131, 141)  
}
```

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(244, 131, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 131, 141) }
```

Border

The CSS property to change the border of an element to YIQ 165.9270, 64.1380, 27.0660 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(244, 131, 141) }
```


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

```
.border{ border-color:rgb(244, 131, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 131, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 131, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 131, 141);  
box-shadow:4px 4px 4px 4px rgb(244, 131,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 165.9270, 64.1380, 27.0660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 131, 141) }
```

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

```
.background{ background-color: rgb(244,  
131, 141) }
```

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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