

Converting Colors

YIQ(164.1230, 66.5220, 27.9140)

Have a look what the booklet for
YIQ(164.1230, 66.5220, 27.9140)
contains.

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Color

**YIQ(164.1230, 66.5220,
27.9140)**

Conversions

Conversions Part 1

Format	Color
Hex	F5808A
RGB	245, 128, 138
RGB Percent	96%, 50%, 54%
CMY	0.0389, 0.4982, 0.4586
CMYK	0.00, 0.48, 0.44, 0.04
HSL	355°, 86%, 73%
HSV	355°, 48%, 96%
XYZ	49.9865, 36.6879, 28.5165
YIQ	164.1230, 66.5220, 27.9140

Conversions

Conversions Part 2

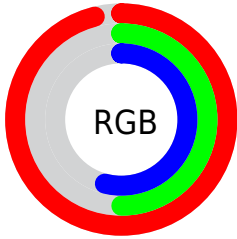
Format	Color
R _Y B	245, 128, 138
Decimal	16089226
CIE Lab	67.04, 45.65, 15.22
CIE LCh	67, 48.119, 18.434
Yxy	36.6879, 0.4339, 0.3185
Android (android.graphics.Color)	4294279306 (0xFFFF5808A)
YUV	164.1230, -12.8786, 70.9291
Hunter-Lab	60.5706, 41.3104, 14.4858

Details

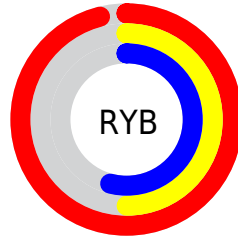
The YIQ color **164.1230, 66.5220, 27.9140** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **208.8770, -66.5220, -27.9140**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **205.4400, 40.3440, 17.7520**, and **109.3720, 61.3870, 27.3630** is the 20% darker color. If you saturate the color by 10%, you get **146.9400, 80.4590, 34.1470**, and if you desaturate by 10%, it is **180.7190, 52.8600, 22.2040**.

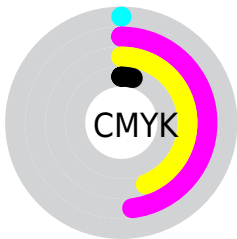
Distribution



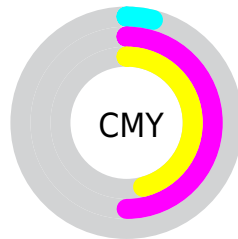
- Red (96%)
- Green (50%)
- Blue (54%)



- Red (96%)
- Yellow (50%)
- Blue (54%)



- Cyan (0%)
- Magenta (48%)
- Yellow (44%)
- Black (4%)





- Cyan (4%)
- Magenta (50%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 164.1230, 66.5220, 27.9140 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 164.1230, 66.5220, 27.9140 by changing the saturation by 10% instead.


 164.1230, 66.5220,
27.9140


 164.1230, 66.5220,
27.9140


255.0000, -0.0000,
-0.0000

 136.4540, 64.0920,
27.9000


 205.4400, 40.3440,
17.7520


 109.3720, 61.3870,
27.3630


 225.0680, 23.6560,
11.8160

 82.2300, 58.9110,
28.1830

 245.3970, 6.3720,
5.6680

 53.4410, 56.9390,
30.8830

 32.2230, 51.6210,
28.1410

 21.2290, 42.3160,
15.0520

 13.5690, 26.4990,

9.8510

■ 0.0000, 0.0000,
0.0000

■ 164.1230, 66.5220,
27.9140

■ 164.1230, 66.5220,
27.9140

■ 146.9400, 80.4590,
34.1470

■ 180.7190, 52.8600,
22.2040

■ 130.2300, 94.4420,
39.5460

■ 198.0160, 38.6020,
16.2820

■ 113.0470,
108.3790, 45.7790

■ 214.6120, 24.9400,
10.5720

■ 96.3370, 122.3620,
51.1780

■ 231.9090, 10.6820,
4.6500

■ 79.1540, 136.2990,
57.4110

■ 248.5050, -2.9800,
-1.0600

■ 75.6490, 139.2790,
58.4710

■ 252.0100, -5.9600,
-2.1200

Harmonies

Analogous

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



166.7360, 46.1630, 38.9550



164.1230, 66.5220, 27.9140



162.6600, 68.5430, 7.7990

Triad

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



164.1230, 66.5220, 27.9140



150.7160, -15.2610, -37.3170



136.9990, -112.8790, -8.2630

Complementary

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



164.1230, 66.5220, 27.9140



208.8770, -66.5220, -27.9140

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.



132.7120, -122.9170, -24.5890



164.1230, 66.5220, 27.9140



133.9920, -77.7520, -44.6640

Square

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



164.1230, 66.5220, 27.9140



156.8320, 25.6350, -29.5730



130.1410, -111.5440, -37.9760



162.2370, -39.2510, 23.0290

Rectangle

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



164.1230, 66.5220, 27.9140



161.6830, 60.5680, -7.3680



130.1410, -111.5440, -37.9760



131.0140, -126.4030, -16.4750

Sweetspot

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



164.1230, 66.5220, 27.9140



230.1060, 20.4930, 8.5650



172.7330, 25.0230, 58.6470



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.



164.1230, 66.5220, 27.9140



154.7230, 82.5680, 34.4720



190.5720, 56.8070, 0.2230



113.7020, 6.8310, 2.8550



57.4380, 105.7200, 44.4080



18.2110, 33.5590, 14.0630

Inverse Universe

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



164.1230, 66.5220, 27.9140



154.7230, 82.5680, 34.4720



182.4280, -56.8070, -0.2230



113.7020, 6.8310, 2.8550



57.4380, 105.7200, 44.4080



18.2110, 33.5590, 14.0630

Previews

White Background



This preview shows how the YIQ color 164.1230, 66.5220, 27.9140 looks on a white background.

Color Contrast Check

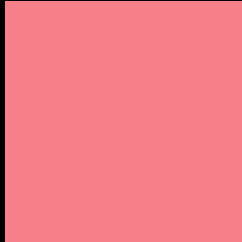
Large Text (above 18pt) WCAG AA × Fail

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 164.1230, 66.5220, 27.9140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

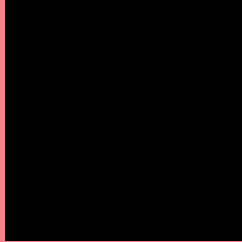
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.1230, 66.5220, 27.9140

Background



This preview shows how black text looks on a background with the YIQ color 164.1230, 66.5220, 27.9140.



This preview shows how white text looks on a background with the YIQ color 164.1230, 66.5220,

27.9140.

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

164.1230, 66.5220, 27.9140

Protanopia

163.6970, 5.2270, -1.1170

Deuteranopia

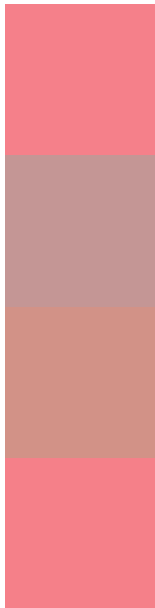
164.1310, 27.3720, -0.4680



Tritanopia

164.0090, 66.8430, 27.6030

Trichromacy



Original Color

164.1230, 66.5220, 27.9140

Protanomaly

163.6400, 27.7370, 9.4410

Deuteranomaly

163.8820, 41.6750, 10.1470

Tritanomaly

164.0090, 66.8430, 27.6030

Monochromacy



Original Color

164.1230, 66.5220, 27.9140

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

164.0140, 23.7480, 10.1480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.1230, 66.5220, 27.9140 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(245, 128, 138)` looks like.

```
.text, #text, p{  
    color:rgb(245, 128, 138)  
}
```

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(245, 128, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 128, 138) }
```

Border

The CSS property to change the border of an element to YIQ 164.1230, 66.5220, 27.9140 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(245, 128, 138) }
```


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

```
.border{ border-color:rgb(245, 128, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 128, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 128, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 128, 138);  
box-shadow:4px 4px 4px 4px rgb(245, 128,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 164.1230, 66.5220, 27.9140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 128, 138) }
```

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

```
.background{ background-color: rgb(245,  
128, 138) }
```

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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