

# Converting Colors

YIQ(162.1170, 66.6590, 30.9390)

Have a look what the booklet for  
YIQ(162.1170, 66.6590, 30.9390)  
contains.

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# Color

**YIQ(162.1170, 66.6590,  
30.9390)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F57C8D
RGB	245, 124, 141
RGB Percent	96%, 49%, 55%
CMY	0.0389, 0.5139, 0.4468
CMYK	0.00, 0.49, 0.42, 0.04
HSL	352°, 86%, 72%
HSV	352°, 49%, 96%
XYZ	49.6965, 35.7537, 29.5062
YIQ	162.1170, 66.6590, 30.9390

# Conversions

## Conversions Part 2

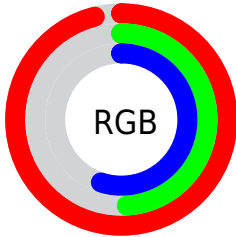
Format	Color
R <sub>Y</sub> B	245, 124, 141
Decimal	16088205
CIE Lab	66.33, 47.93, 12.53
CIE LCh	66, 49.542, 14.646
Yxy	35.7537, 0.4323, 0.3110
Android (android.graphics.Color)	4294278285 (0xFFF57C8D)
YUV	162.1170, -10.4107, 72.6884
Hunter-Lab	59.7944, 43.7152, 12.5988

# Details

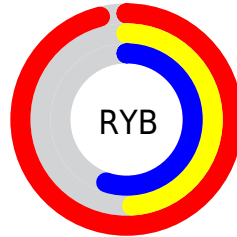
The YIQ color **162.1170, 66.6590, 30.9390** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **206.8830, -66.6590, -30.9390**, and the grayscale version is **162.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **203.4340, 40.4810, 20.7770**, and **107.3660, 61.5240, 30.3880** is the 20% darker color. If you saturate the color by 10%, you get **145.0480, 80.2750, 37.4830**, and if you desaturate by 10%, it is **178.5990, 53.3180, 24.9180**.

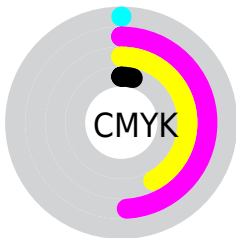
# Distribution



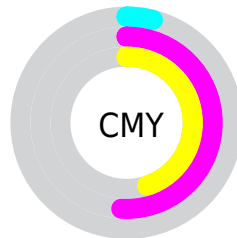
- Red (96%)
- Green (49%)
- Blue (55%)



- Red (96%)
- Yellow (49%)
- Blue (55%)



- Cyan (0%)
- Magenta (49%)
- Yellow (42%)
- Black (4%)




- Cyan (4%)
- Magenta (51%)
- Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 162.1170, 66.6590, 30.9390 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 162.1170, 66.6590, 30.9390 by changing the saturation by 10% instead.




 162.1170, 66.6590,  
30.9390


 162.1170, 66.6590,  
30.9390


255.0000, -0.0000,  
-0.0000


 134.4480, 64.2290,  
30.9250


 203.5480, 40.1600,  
21.0880


 106.7790, 61.7990,  
30.9110


 223.0620, 23.7930,  
14.8410

 79.6370, 59.3230,  
31.7310

 243.3910, 6.5090,  
8.6930

 47.9130, 58.7260,  
37.0460

 32.1520, 50.3830,  
28.5510

 21.2290, 42.3160,  
15.0520

 13.2700, 25.9030,

9.6390

■ 0.0000, 0.0000,  
0.0000

■ 162.1170, 66.6590,  
30.9390

■ 162.1170, 66.6590,  
30.9390

■ 145.0480, 80.2750,  
37.4830

■ 178.5990, 53.3180,  
24.9180

■ 128.5660, 93.6160,  
43.5040

■ 195.6680, 39.7020,  
18.3740

■ 111.4970,  
107.2320, 50.0480

■ 212.1500, 26.3610,  
12.3530

■ 95.0150, 120.5730,  
56.0690

■ 229.2190, 12.7450,  
5.8090

■ 77.9460, 134.1890,  
62.6130

■ 245.7010, -0.5960,  
-0.2120

■ 77.2450, 134.7850,  
62.8250

■ 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.



165.1210, 43.6410, 40.6090



162.1170, 66.6590, 30.9390



160.4370, 70.7890, 11.1490

# Triad

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



162.1170, 66.6590, 30.9390



148.9400, -10.0800, -37.6000



129.1220, -126.5870, -13.1390

# Complementary

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



162.1170, 66.6590, 30.9390



206.8830, -66.6590, -30.9390

# 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.



131.6690, -121.3580, -25.3100



162.1170, 66.6590, 30.9390



133.7000, -71.0580, -44.8340

# Square

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



162.1170, 66.6590, 30.9390



155.1700, 30.4950, -29.5450



128.7560, -109.0220, -39.6300



158.5780, -47.6410, 20.8950



# Rectangle

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



162.1170, 66.6590, 30.9390



159.5310, 64.0520, -4.4280



128.7560, -109.0220, -39.6300



130.7860, -125.7610, -17.0970

# Sweetspot

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



162.1170, 66.6590, 30.9390



228.9320, 21.0430, 9.6110



168.5910, 22.5470, 59.4670



112.2190, 12.7450, 5.8090



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.



162.1170, 66.6590, 30.9390



152.2440, 82.6590, 38.3310



184.8330, 60.5660, 3.6860



113.8160, 6.5100, 3.1660



58.5780, 102.5100, 47.5180



18.5530, 32.5960, 14.9960



# Inverse Universe

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



162.1170, 66.6590, 30.9390



152.2440, 82.6590, 38.3310



184.1670, -60.5660, -3.6860



113.8160, 6.5100, 3.1660



58.5780, 102.5100, 47.5180



18.5530, 32.5960, 14.9960



# Previews

## White Background



This preview shows how the YIQ color 162.1170, 66.6590, 30.9390 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

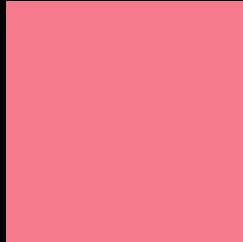
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 162.1170, 66.6590, 30.9390 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 162.1170, 66.6590, 30.9390

## Background



This preview shows how black text looks on a background with the YIQ color 162.1170, 66.6590, 30.9390.



This preview shows how white text looks on a background with the YIQ color 162.1170, 66.6590,



# 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

162.1170, 66.6590, 30.9390

### Protanopia

162.1960, 2.3840, 0.8480

### Deuteranopia

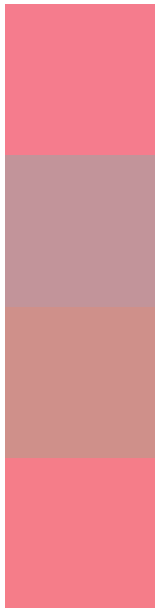
162.6900, 24.3000, 0.1400



## Tritanopia

161.9060, 68.6310, 28.2390

# Trichromacy



## Original Color

162.1170, 66.6590, 30.9390

## Protanomaly

162.4380, 25.4900, 11.6180

## Deuteranomaly

162.1530, 39.4740, 11.4900

## Tritanomaly

162.2480, 67.6680, 29.1720

# Monochromacy



## Original Color

162.1170, 66.6590, 30.9390

## Achromatopsia

162.0000, -0.0000, 0.0000

## Achromatomaly

161.8400, 24.2980, 11.1940

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 162.1170, 66.6590, 30.9390 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, 124, 141)` looks like.

```
.text, #text, p{  
    color:rgb(245, 124, 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(245, 124, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 124, 141) }
```

## Border

The CSS property to change the border of an element to YIQ 162.1170, 66.6590, 30.9390 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, 124, 141) }
```



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

```
.border{ border-color:rgb(245, 124, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 124, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 124, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 124, 141);  
box-shadow:4px 4px 4px 4px rgb(245, 124,  
141) }
```

# Background

The CSS property to change the background color of an element to YIQ 162.1170, 66.6590, 30.9390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 124, 141) }
```

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

```
.background{ background-color: rgb(245,  
124, 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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