

# Converting Colors

YIQ(164.8310, 56.0210, 36.5090)

Have a look what the booklet for  
YIQ(164.8310, 56.0210, 36.5090)  
contains.

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# Color

**YIQ(164.8310, 56.0210,  
36.5090)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F17EA5
RGB	241, 126, 165
RGB Percent	95%, 49%, 65%
CMY	0.0546, 0.5060, 0.3527
CMYK	0.00, 0.48, 0.32, 0.05
HSL	340°, 81%, 72%
HSV	340°, 48%, 95%
XYZ	50.5522, 36.3419, 39.9710
YIQ	164.8310, 56.0210, 36.5090

# Conversions

## Conversions Part 2

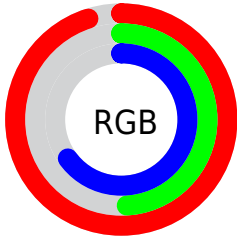
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	241, 126, 165
Decimal	15826597
CIE <sub>Lab</sub>	66.78, 48.30, -0.48
CIE <sub>LCh</sub>	67, 48.298, 359.430
Yxy	36.3419, 0.3985, 0.2865
Android (android.graphics.Color)	4294016677 (0xFFFF17EA5)
YUV	164.8310, 0.0833, 66.8002
Hunter-Lab	60.2843, 44.1863, 2.8872

# Details

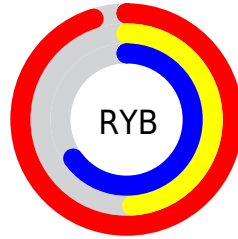
The YIQ color **164.8310, 56.0210, 36.5090** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **202.1690, -56.0210, -36.5090**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **207.5720, 31.5850, 27.8170**, and **110.1510, 52.1240, 35.5480** is the 20% darker color. If you saturate the color by 10%, you get **148.9190, 67.7570, 44.0850**, and if you desaturate by 10%, it is **180.7430, 44.2850, 28.9330**.

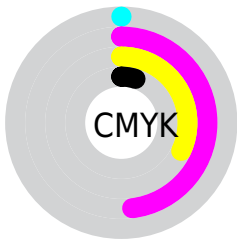
# Distribution



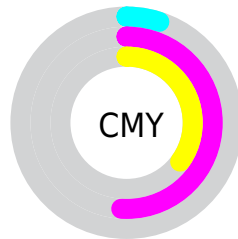
- Red (95%)
- Green (49%)
- Blue (65%)



- Red (95%)
- Yellow (49%)
- Blue (65%)



- Cyan (0%)
- Magenta (48%)
- Yellow (32%)
- Black (5%)




- Cyan (5%)
- Magenta (51%)
- Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 164.8310, 56.0210, 36.5090 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 164.8310, 56.0210, 36.5090 by changing the saturation by 10% instead.





 164.8310, 56.0210,  
36.5090


 164.8310, 56.0210,  
36.5090


255.0000, -0.0000,  
-0.0000


 137.0480, 53.9120,  
36.1840


 207.5720, 31.5850,  
27.8170


 109.5640, 52.3990,  
36.0710


 227.7870, 14.6220,  
21.3580

 82.3080, 50.2440,  
36.5800

 245.6080, 4.4000,  
8.3680

 51.9430, 50.0140,  
40.7500

 34.0190, 43.6880,  
34.2480

 23.5520, 34.3370,  
21.9930

 13.9820, 26.7740,

10.3740

■ 0.0000, 0.0000,  
0.0000

■ 164.8310, 56.0210,  
36.5090

■ 164.8310, 56.0210,  
36.5090

■ 148.9190, 67.7570,  
44.0850

■ 180.7430, 44.2850,  
28.9330

■ 133.0070, 79.4930,  
51.6610

■ 196.6550, 32.5490,  
21.3570

■ 117.0950, 91.2290,  
59.2370

■ 212.5670, 20.8130,  
13.7810

■ 101.1830,  
102.9650, 66.8130

■ 228.4790, 9.0770,  
6.2050

■ 84.6840, 114.9760,  
74.9120

■ 244.3910, -2.6590,  
-1.3710

■ 81.4070, 117.3140,  
76.5940

■ 250.8140, -8.3440,  
-2.9680

# Harmonies

## Analogous

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



167.1280, 24.5680, 39.3520



164.8310, 56.0210, 36.5090



162.5760, 69.3200, 21.2560

# Triad

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



164.8310, 56.0210, 36.5090



154.4820, 11.8810, -33.6150



131.3900, -124.7060, -19.6980

# Complementary

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



164.8310, 56.0210, 36.5090



202.1690, -56.0210, -36.5090

# 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.



131.2640, -116.0840, -32.7880



164.8310, 56.0210, 36.5090



146.4950, -33.6920, -39.1960

# Square

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



164.8310, 56.0210, 36.5090



158.7530, 45.2110, -20.9090



126.2480, -101.9600, -46.4720



150.6340, -77.5780, 7.2700



# Rectangle

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



164.8310, 56.0210, 36.5090



161.8340, 67.9930, 6.7530



126.2480, -101.9600, -46.4720



132.1250, -122.6420, -24.0660

# Sweetspot

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



164.8310, 56.0210, 36.5090



231.1320, 17.6040, 11.3640



161.5350, 7.7850, 51.6650



113.3760, 10.8650, 6.8410



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.



164.8310, 56.0210, 36.5090



158.9410, 70.6910, 45.9790



170.3640, 63.8650, 15.4890



112.0440, 5.8680, 3.7880



62.0840, 89.7620, 58.2900



18.9100, 27.2770, 17.7810



# Inverse Universe

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



164.8310, 56.0210, 36.5090



158.9410, 70.6910, 45.9790



196.6360, -63.8650, -15.4890



112.0440, 5.8680, 3.7880



62.0840, 89.7620, 58.2900



18.9100, 27.2770, 17.7810



# Previews

## White Background



This preview shows how the YIQ color 164.8310, 56.0210, 36.5090 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

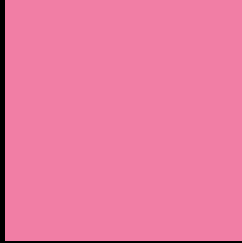
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 164.8310, 56.0210, 36.5090 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 164.8310, 56.0210, 36.5090

## Background



This preview shows how black text looks on a background with the YIQ color 164.8310, 56.0210, 36.5090.



This preview shows how white text looks on a background with the YIQ color 164.8310, 56.0210,



# 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

164.8310, 56.0210, 36.5090

### Protanopia

163.9530, -9.8130, 7.1390

### Deuteranopia

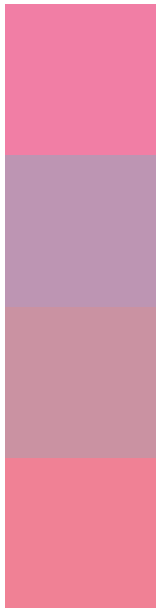
164.8060, 12.4700, 5.2860



## Tritanopia

164.3180, 61.4790, 25.6950

# Trichromacy



**Original Color**

164.8310, 56.0210, 36.5090

**Protanomaly**

164.3800, 14.2100, 17.8100

**Deuteranomaly**

164.5680, 28.2400, 16.8480

**Tritanomaly**

164.4690, 59.7360, 29.7520

# Monochromacy



**Original Color**

164.8310, 56.0210, 36.5090

**Achromatopsia**

165.0000, -0.0000, -0.0000

**Achromatomaly**

165.1540, 20.5380, 13.2580

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 164.8310, 56.0210, 36.5090 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(241, 126, 165)` looks like.

```
.text, #text, p{  
    color:rgb(241, 126, 165)  
}
```

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(241, 126, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 126, 165) }
```

## Border

The CSS property to change the border of an element to YIQ 164.8310, 56.0210, 36.5090 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(241, 126, 165) }
```



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

```
.border{ border-color:rgb(241, 126, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 126, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 126, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 126, 165);  
box-shadow:4px 4px 4px 4px rgb(241, 126,  
165) }
```

# Background

The CSS property to change the background color of an element to YIQ 164.8310, 56.0210, 36.5090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 126, 165) }
```

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

```
.background{ background-color: rgb(241,  
126, 165) }
```

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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