

Converting Colors

YIQ(177.0150, 49.5110, 33.3430)

Have a look what the booklet for
YIQ(177.0150, 49.5110, 33.3430)
contains.

YIQ(177.0150, 49.5110, 33.3430)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(177.0150, 49.5110,
33.3430)**

Conversions

Conversions Part 1

Format	Color
Hex	F58EB3
RGB	245, 142, 179
RGB Percent	96%, 56%, 70%
CMY	0.0389, 0.4433, 0.2979
CMYK	0.00, 0.42, 0.27, 0.04
HSL	338°, 84%, 76%
HSV	338°, 42%, 96%
XYZ	55.4876, 42.0143, 47.8556
YIQ	177.0150, 49.5110, 33.3430

Conversions

Conversions Part 2

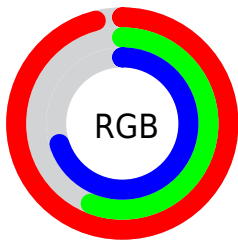
Format	Color
R_{YB}	245, 142, 179
Decimal	16092851
CIE Lab	70.88, 43.40, -2.27
CIE LCh	71, 43.457, 357.009
Yxy	42.0143, 0.3817, 0.2890
Android (android.graphics.Color)	4294282931 (0xFFFF58EB3)
YUV	177.0150, 0.9786, 59.6228
Hunter-Lab	64.8185, 39.3720, 1.5990

Details

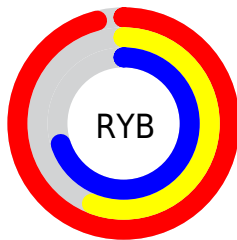
The YIQ color **177.0150, 49.5110, 33.3430** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **209.9850, -49.5110, -33.3430**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **218.6740, 22.3700, 24.1140**, and **122.2210, 45.9350, 32.0710** is the 20% darker color. If you saturate the color by 10%, you get **160.5160, 61.5220, 41.4420**, and if you desaturate by 10%, it is **192.9270, 37.7750, 25.7670**.

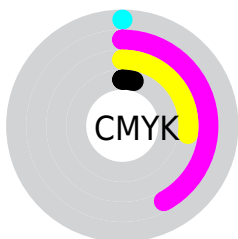
Distribution



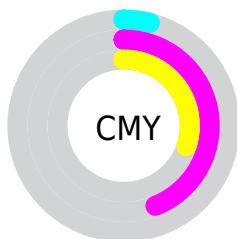
- Red (96%)
- Green (56%)
- Blue (70%)



- Red (96%)
- Yellow (56%)
- Blue (70%)



- Cyan (0%)
- Magenta (42%)
- Yellow (27%)
- Black (4%)





- Cyan (4%)
- Magenta (44%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 177.0150, 49.5110, 33.3430 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 177.0150, 49.5110, 33.3430 by changing the saturation by 10% instead.


 177.0150, 49.5110,
33.3430

 177.0150, 49.5110,
33.3430


255.0000, -0.0000,
-0.0000


 149.4170, 48.3190,
32.9190


 218.6740, 22.3700,
24.1140


 122.5200, 46.5310,
32.2830

 237.9770, 7.9750,
15.1670

 95.7370, 44.4220,
31.9580

 69.4810, 42.2670,
32.4670

 38.8280, 42.9080,
37.3720

 26.6000, 34.3820,
26.6860

 17.1010, 28.0570,

14.6570

■ 3.2890, 6.5560,
2.3320

■ 0.0000, 0.0000,
0.0000

■ 177.0150, 49.5110,
33.3430

■ 177.0150, 49.5110,
33.3430

■ 160.5160, 61.5220,
41.4420

■ 192.9270, 37.7750,
25.7670

■ 144.7180, 72.9370,
49.3290

■ 209.3120, 26.0850,
17.3570

■ 128.2190, 84.9480,
57.4280

■ 225.2240, 14.3490,
9.7810

■ 112.3070, 96.6840,
65.0040

■ 241.7230, 2.3380,
1.6820

■ 95.9220, 108.3740,
73.4140

■ 252.0100, -5.9600,
-2.1200

■ 83.2870, 117.7720,
79.3080

Harmonies

Analogous

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



178.2690, 19.6170, 35.4650



177.0150, 49.5110, 33.3430



174.9390, 63.8640, 21.0160

Triad

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



177.0150, 49.5110, 33.3430



166.7860, 14.0810, -29.4310



138.1890, -128.6940, -24.5180

Complementary

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



177.0150, 49.5110, 33.3430



209.9850, -49.5110, -33.3430

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.



137.5900, -120.1180, -36.7740



177.0150, 49.5110, 33.3430



160.3220, -25.7150, -35.0830

Square

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



177.0150, 49.5110, 33.3430



170.7900, 43.7890, -17.1630



147.6810, -78.0740, -38.8260



164.5980, -68.7290, 6.5910

Rectangle

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



177.0150, 49.5110, 33.3430



173.7350, 63.9580, 8.2940



147.6810, -78.0740, -38.8260



138.3370, -126.3550, -28.3630

Sweetspot

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



177.0150, 49.5110, 33.3430



233.2350, 15.8160, 10.7280



173.1770, 5.6770, 45.8130



114.0770, 10.2690, 6.6290



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.



177.0150, 49.5110, 33.3430



171.1030, 61.2470, 40.9190



181.0150, 57.5380, 14.5140



114.1580, 5.5470, 4.0990



63.2520, 89.3490, 60.2690



20.0350, 28.4230, 19.0390

Inverse Universe

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



177.0150, 49.5110, 33.3430



171.1030, 61.2470, 40.9190



205.9850, -57.5380, -14.5140



114.1580, 5.5470, 4.0990



63.2520, 89.3490, 60.2690



20.0350, 28.4230, 19.0390

Previews

White Background



This preview shows how the YIQ color 177.0150, 49.5110, 33.3430 looks on a white background.

Color Contrast Check

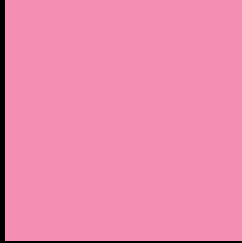
Large Text (above 18pt) WCAG AA × Fail

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 177.0150, 49.5110, 33.3430 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 177.0150, 49.5110, 33.3430

Background



This preview shows how black text looks on a background with the YIQ color 177.0150, 49.5110, 33.3430.

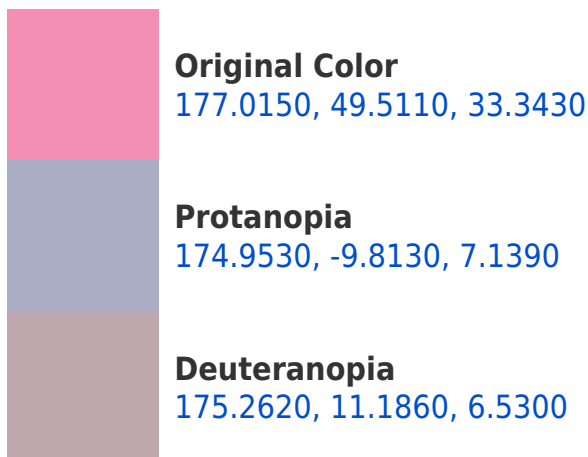


This preview shows how white text looks on a background with the YIQ color 177.0150, 49.5110,

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





Tritanopia

176.2570, 54.2810, 23.9850

Trichromacy



Original Color

177.0150, 49.5110, 33.3430

Protanomaly

175.7710, 11.5510, 16.4390

Deuteranomaly

176.1870, 24.9390, 16.0990

Tritanomaly

176.8810, 52.5840, 27.2080

Monochromacy



Original Color

177.0150, 49.5110, 33.3430

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

176.9580, 18.1540, 12.4100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.0150, 49.5110, 33.3430 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, 142, 179)` looks like.

```
.text, #text, p{  
    color:rgb(245, 142, 179)  
}
```

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, 142, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 142, 179) }
```

Border

The CSS property to change the border of an element to YIQ 177.0150, 49.5110, 33.3430 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, 142, 179) }
```


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

```
.border{ border-color:rgb(245, 142, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 142, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 142, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 142, 179);  
box-shadow:4px 4px 4px 4px rgb(245, 142,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 177.0150, 49.5110, 33.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 142, 179) }
```

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

```
.background{ background-color: rgb(245,  
142, 179) }
```

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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