

Converting Colors

YIQ(165.5810, 53.7290, 33.9930)

Have a look what the booklet for
YIQ(165.5810, 53.7290, 33.9930)
contains.

YIQ(165.5810, 53.7290, 33.9930)	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(165.5810, 53.7290,
33.9930)**

Conversions

Conversions Part 1

Format	Color
Hex	EE81A4
RGB	238, 129, 164
RGB Percent	93%, 51%, 64%
CMY	0.0664, 0.4943, 0.3567
CMYK	0.00, 0.46, 0.31, 0.07
HSL	341°, 76%, 72%
HSV	341°, 46%, 93%
XYZ	49.8333, 36.5601, 39.5747
YIQ	165.5810, 53.7290, 33.9930

Conversions

Conversions Part 2

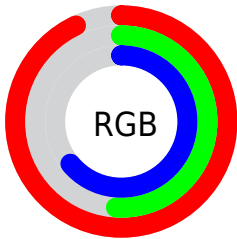
Format	Color
R _Y B	238, 129, 164
Decimal	15630756
CIE Lab	66.95, 45.65, 0.28
CIE LCh	67, 45.655, 0.351
Yxy	36.5601, 0.3956, 0.2902
Android (android.graphics.Color)	4293820836 (0xFFEE81A4)
YUV	165.5810, -0.7794, 63.5115
Hunter-Lab	60.4649, 41.3006, 3.5197

Details

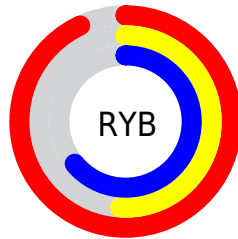
The YIQ color **165.5810, 53.7290, 33.9930** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **201.4190, -53.7290, -33.9930**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **209.2190, 31.0810, 25.9370**, and **110.9010, 49.8320, 33.0320** is the 20% darker color. If you saturate the color by 10%, you get **149.6690, 65.4650, 41.5690**, and if you desaturate by 10%, it is **181.4930, 41.9930, 26.4170**.

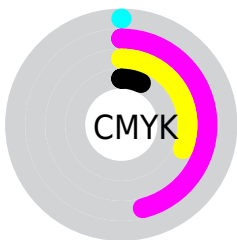
Distribution



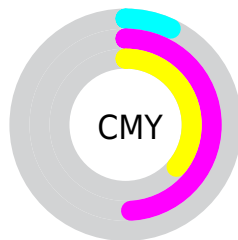
- Red (93%)
- Green (51%)
- Blue (64%)



- Red (93%)
- Yellow (51%)
- Blue (64%)



- Cyan (0%)
- Magenta (46%)
- Yellow (31%)
- Black (7%)





- Cyan (7%)
- Magenta (49%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.5810, 53.7290, 33.9930 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 165.5810, 53.7290, 33.9930 by changing the saturation by 10% instead.


 165.5810, 53.7290,
33.9930


 165.5810, 53.7290,
33.9930


255.0000, -0.0000,
-0.0000


 137.7980, 51.6200,
33.6680


 209.2190, 31.0810,
25.9370


 110.9010, 49.8320,
33.0320


 228.8470, 14.3930,
20.0010

 83.9440, 48.2730,
33.7530

 246.7820, 3.8500,
7.3220

 55.9270, 46.9430,
35.8310

 33.3070, 42.8170,
33.5130

 22.9540, 33.1450,
21.5690

 13.2700, 25.9030,

9.6390

■ 0.0000, 0.0000,
0.0000

■ 165.5810, 53.7290,
33.9930

■ 165.5810, 53.7290,
33.9930

■ 149.6690, 65.4650,
41.5690

■ 181.4930, 41.9930,
26.4170

■ 133.7570, 77.2010,
49.1450

■ 197.4050, 30.2570,
18.8410

■ 118.4320, 88.6620,
56.1980

■ 212.8440, 18.4750,
12.0990

■ 102.4060,
100.7190, 63.4630

■ 228.7560, 6.7390,
4.5230

■ 86.4940, 112.4550,
71.0390

■ 244.6680, -4.9970,
-3.0530

■ 79.9400, 117.1310,
74.4030

■ 249.9170,
-10.1320, -3.6040

Harmonies

Analogous

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



167.6610, 24.3850, 37.1610



165.5810, 53.7290, 33.9930



163.6680, 66.0650, 19.6730

Triad

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



165.5810, 53.7290, 33.9930



155.1660, 9.9550, -31.7490



131.0480, -123.7430, -20.6310

Complementary

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



165.5810, 53.7290, 33.9930



201.4190, -53.7290, -33.9930

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.



130.5630, -115.4880, -32.5760



165.5810, 53.7290, 33.9930



147.5600, -32.3170, -36.5810

Square

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



165.5810, 53.7290, 33.9930



159.4260, 41.8180, -19.9900



126.4760, -102.6020, -45.8500



154.0650, -68.5460, 8.7820

Rectangle

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



165.5810, 53.7290, 33.9930



162.4530, 64.6920, 6.0040



126.4760, -102.6020, -45.8500



131.3100, -121.7250, -24.1650

Sweetspot

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



165.5810, 53.7290, 33.9930



231.1320, 17.6040, 11.3640



163.2530, 8.5190, 49.3750



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.



165.5810, 53.7290, 33.9930



161.9900, 68.9950, 43.6750



172.1570, 60.0140, 13.6940



112.0440, 5.8680, 3.7880



61.7420, 90.7250, 57.3570



18.7960, 27.5980, 17.4700

Inverse Universe

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



165.5810, 53.7290, 33.9930



161.9900, 68.9950, 43.6750



194.8430, -60.0140, -13.6940



112.0440, 5.8680, 3.7880



61.7420, 90.7250, 57.3570



18.7960, 27.5980, 17.4700

Previews

White Background



This preview shows how the YIQ color 165.5810, 53.7290, 33.9930 looks on a white background.

Color Contrast Check

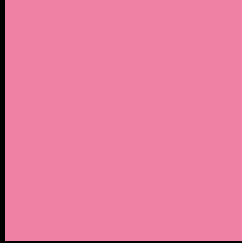
Large Text (above 18pt) WCAG AA × Fail

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 165.5810, 53.7290, 33.9930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

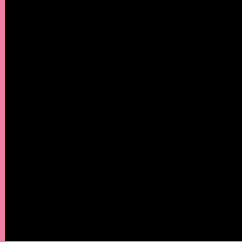
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.5810, 53.7290, 33.9930

Background



This preview shows how black text looks on a background with the YIQ color 165.5810, 53.7290, 33.9930.



This preview shows how white text looks on a background with the YIQ color 165.5810, 53.7290,

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

165.5810, 53.7290, 33.9930

Protanopia

163.9100, -8.2540, 6.4180

Deuteranopia

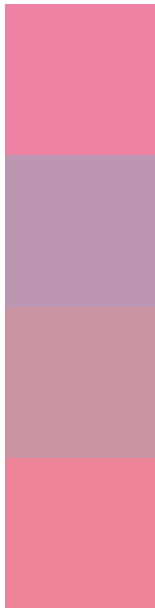
164.9910, 13.3870, 5.1870



Tritanopia

164.9370, 58.1780, 24.9460

Trichromacy



Original Color

165.5810, 53.7290, 33.9930

Protanomaly

164.4400, 13.9810, 16.4530

Deuteranomaly

165.0410, 28.2860, 16.0140

Tritanomaly

165.5610, 56.4810, 28.1690

Monochromacy



Original Color

165.5810, 53.7290, 33.9930

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

166.0290, 19.3920, 12.0000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.5810, 53.7290, 33.9930 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(238, 129, 164)` looks like.

```
.text, #text, p{  
    color:rgb(238, 129, 164)  
}
```

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(238, 129, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 129, 164) }
```

Border

The CSS property to change the border of an element to YIQ 165.5810, 53.7290, 33.9930 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(238, 129, 164) }
```


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

```
.border{ border-color:rgb(238, 129, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 129, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 129, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 129, 164); box-shadow:4px 4px 4px 4px rgb(238, 129, 164) }
```

Background

The CSS property to change the background color of an element to YIQ 165.5810, 53.7290, 33.9930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 129, 164) }
```

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

```
.background{ background-color: rgb(238,  
129, 164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor