

Converting Colors

YIQ(145.8780, 66.9750, 58.2630)

Have a look what the booklet for
YIQ(145.8780, 66.9750, 58.2630)
contains.

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Color

**YIQ(145.8780, 66.9750,
58.2630)**

Conversions

Conversions Part 1

Format	Color
Hex	F65AAB
RGB	246, 90, 171
RGB Percent	96%, 35%, 67%
CMY	0.0349, 0.6473, 0.3292
CMYK	0.00, 0.63, 0.30, 0.03
HSL	329°, 90%, 66%
HSV	329°, 63%, 97%
XYZ	49.0500, 29.8558, 41.7315
YIQ	145.8780, 66.9750, 58.2630

Conversions

Conversions Part 2

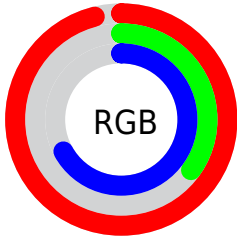
Format	Color
R _Y B	246, 90, 171
Decimal	16145067
CIE Lab	61.53, 66.88, -11.61
CIE LCh	62, 67.875, 350.155
Yxy	29.8558, 0.4066, 0.2475
Android (android.graphics.Color)	4294335147 (0xFFFF65AAB)
YUV	145.8780, 12.3851, 87.8070
Hunter-Lab	54.6405, 64.6162, -7.0342

Details

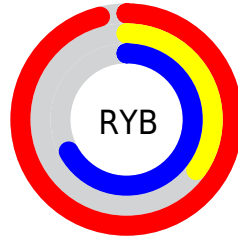
The YIQ color **145.8780, 66.9750, 58.2630** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **190.1220, -66.9750, -58.2630**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.8850, 38.7340, 46.9420**, and **80.3330, 67.4320, 66.5040** is the 20% darker color. If you saturate the color by 10%, you get **129.8350, 77.7020, 67.6060**, and if you desaturate by 10%, it is **161.9210, 56.2480, 48.9200**.

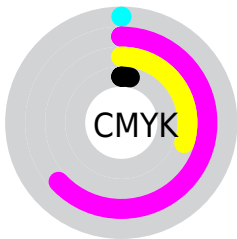
Distribution



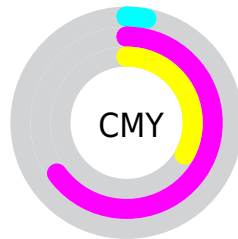
- Red (96%)
- Green (35%)
- Blue (67%)



- Red (96%)
- Yellow (35%)
- Blue (67%)



- Cyan (0%)
- Magenta (63%)
- Yellow (30%)
- Black (3%)





- Cyan (3%)
- Magenta (65%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 145.8780, 66.9750, 58.2630 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 145.8780, 66.9750, 58.2630 by changing the saturation by 10% instead.


 145.8780, 66.9750,
58.2630


 145.8780, 66.9750,
58.2630


255.0000, -0.0000,
-0.0000


 115.7470, 65.9660,
60.0300


 188.8850, 38.7340,
46.9420


 80.3330, 67.4320,
66.5040


 209.2140, 21.4500,
40.7940


 57.3600, 62.8020,
62.3060

 226.2370, 13.4750,
25.6270

 45.9530, 53.2220,
48.6940

 243.8470, 5.2250,
9.9370

 34.7740, 43.0000,
35.7040

 24.4210, 33.3280,
23.7600

 12.9710, 25.3070,

9.4270

■ 0.0000, 0.0000,
0.0000

■ 145.8780, 66.9750,
58.2630

■ 145.8780, 66.9750,
58.2630

■ 129.8350, 77.7020,
67.6060

■ 161.9210, 56.2480,
48.9200

■ 114.3790, 88.1540,
76.4260

■ 177.3770, 45.7960,
40.1000

■ 98.4500, 98.5600,
86.0800

■ 193.4200, 35.0690,
30.7570

■ 88.1460, 105.5280,
91.9600

■ 208.7620, 24.9380,
21.6260

■ 224.8050, 14.2110,
12.2830

240.8480, 3.4840,
2.9400

252.1950, -5.0430,
-2.2190

252.3090, -5.3640,
-1.9080

Harmonies

Analogous

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



152.7810, 15.9000, 53.2760



145.8780, 66.9750, 58.2630



142.3160, 91.3240, 40.9880

Triad

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



145.8780, 66.9750, 58.2630



134.6490, 38.4310, -52.2330



128.9110, -124.6150, -15.8390

Complementary

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



145.8780, 66.9750, 58.2630



190.1220, -66.9750, -58.2630

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.



124.7440, -108.7480, -33.5800



145.8780, 66.9750, 58.2630



124.3680, -32.4970, -55.3530

Square

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



145.8780, 66.9750, 58.2630



139.5990, 77.3990, -31.5690



117.0890, -88.5710, -52.3390



123.5770, -126.1300, -4.8980

Rectangle

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



145.8780, 66.9750, 58.2630



143.3260, 93.3910, 20.0390



117.0890, -88.5710, -52.3390



127.7880, -120.0750, -21.0270

Sweetspot

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



145.8780, 66.9750, 58.2630



224.2020, 20.5830, 17.9510



129.6110, -6.5680, 63.9920



108.6800, 13.0650, 11.0250



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.



145.8780, 66.9750, 58.2630



130.5200, 83.2030, 72.5390



137.2140, 91.3710, 34.6270



114.3860, 4.9050, 4.7210



66.6720, 79.7190, 69.5990



21.0610, 25.5340, 21.8380

Inverse Universe

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



145.8780, 66.9750, 58.2630



130.5200, 83.2030, 72.5390



198.7860, -91.3710, -34.6270



114.3860, 4.9050, 4.7210



66.6720, 79.7190, 69.5990



21.0610, 25.5340, 21.8380

Previews

White Background



This preview shows how the YIQ color 145.8780, 66.9750, 58.2630 looks on a white background.

Color Contrast Check

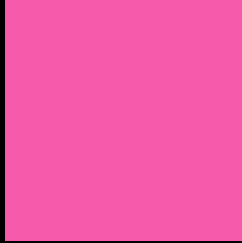
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.8780, 66.9750, 58.2630 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 × Fail

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

YIQ 145.8780, 66.9750, 58.2630

Background



This preview shows how black text looks on a background with the YIQ color 145.8780, 66.9750, 58.2630.



This preview shows how white text looks on a background with the YIQ color 145.8780, 66.9750,

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

145.8780, 66.9750, 58.2630

Protanopia

148.8000, -30.9510, 15.7770

Deuteranopia

150.6400, 1.3740, 8.1420



Tritanopia

145.7610, 79.4050, 31.2210

Trichromacy



Original Color

145.8780, 66.9750, 58.2630



Protanomaly

147.7340, 4.9460, 31.5220



Deuteranomaly

148.8100, 24.9830, 26.3190



Tritanomaly

145.9320, 74.9100, 41.1020

Monochromacy



Original Color

145.8780, 66.9750, 58.2630



Achromatopsia

146.0000, -0.0000, -0.0000



Achromatomaly

146.0500, 24.0670, 20.8910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.8780, 66.9750, 58.2630 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(246, 90, 171)` looks like.

```
.text, #text, p{  
    color:rgb(246, 90, 171)  
}
```

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(246, 90, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 90, 171) }
```

Border

The CSS property to change the border of an element to YIQ 145.8780, 66.9750, 58.2630 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(246, 90, 171) }
```


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

```
.border{ border-color:rgb(246, 90, 171) }
```

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

Here you see how a box with a 4 pixel rgb(246, 90, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 90, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 90, 171);  
box-shadow:4px 4px 4px 4px rgb(246, 90,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 145.8780, 66.9750, 58.2630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 90, 171) }
```

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

```
.background{ background-color: rgb(246, 90,  
171) }
```

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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