

Converting Colors

YIQ(145.9860, 66.7910, 61.5990)

Have a look what the booklet for
YIQ(145.9860, 66.7910, 61.5990)
contains.

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Color

**YIQ(145.9860, 66.7910,
61.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	F858B1
RGB	248, 88, 177
RGB Percent	97%, 35%, 69%
CMY	0.0270, 0.6551, 0.3057
CMYK	0.00, 0.65, 0.29, 0.03
HSL	327°, 92%, 66%
HSV	327°, 65%, 97%
XYZ	50.1759, 30.1216, 44.7906
YIQ	145.9860, 66.7910, 61.5990

Conversions

Conversions Part 2

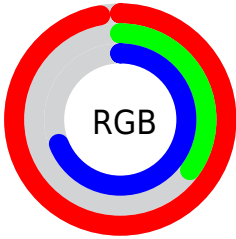
Format	Color
R _{YB}	248, 88, 177
Decimal	16275633
CIE _{Lab}	61.76, 68.93, -14.68
CIE _{LCh}	62, 70.477, 347.980
Y _{xy}	30.1216, 0.4011, 0.2408
Android (android.graphics.Color)	4294465713 (0xFFFF858B1)
YUV	145.9860, 15.2899, 89.4663
Hunter-Lab	54.8831, 67.1449, -9.9689

Details

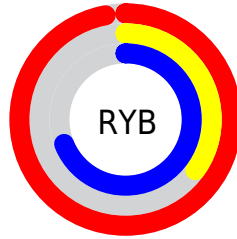
The YIQ color **145.9860, 66.7910, 61.5990** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **190.0140, -66.7910, -61.5990**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.5090, 37.0370, 50.1650**, and **76.8050, 69.2190, 72.6670** is the 20% darker color. If you saturate the color by 10%, you get **130.0570, 77.1970, 71.2530**, and if you desaturate by 10%, it is **161.9150, 56.3850, 51.9450**.

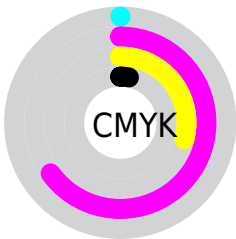
Distribution



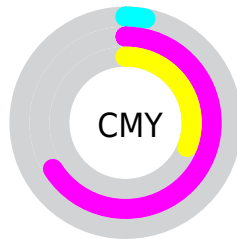
- Red (97%)
- Green (35%)
- Blue (69%)



- Red (97%)
- Yellow (35%)
- Blue (69%)



- Cyan (0%)
- Magenta (65%)
- Yellow (29%)
- Black (3%)



- Cyan (3%)
- Magenta (66%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 145.9860, 66.7910, 61.5990 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 145.9860, 66.7910, 61.5990 by changing the saturation by 10% instead.


 145.9860, 66.7910,
61.5990


 145.9860, 66.7910,
61.5990


255.0000, -0.0000,
-0.0000


 115.1540, 66.3780,
63.5780


 188.5090, 37.0370,
50.1650

 76.8050, 69.2190,
72.6670


 208.0400, 22.0000,
41.8400


 58.5280, 62.3890,
64.2850

 225.6500, 13.7500,
26.1500

 47.1210, 52.8090,
50.6730

 242.6730, 5.7750,
10.9830

 35.9420, 42.5870,
37.6830

 25.4750, 33.2360,
25.4280

 13.7970, 25.8570,

10.4730

■ 0.0000, 0.0000,
0.0000

■ 145.9860, 66.7910,
61.5990

■ 145.9860, 66.7910,
61.5990

■ 130.0570, 77.1970,
71.2530

■ 161.9150, 56.3850,
51.9450

■ 114.1280, 87.6030,
80.9070

■ 177.8440, 45.9790,
42.2910

■ 98.7860, 97.7340,
90.0380

■ 193.1860, 35.8480,
33.1600

■ 89.8840, 103.5100,
95.4940

■ 209.1150, 25.4420,
23.5060

■ 225.0440, 15.0360,
13.8520

240.9730, 4.6300,
4.1980

252.7930, -3.8510,
-1.7950

252.9070, -4.1720,
-1.4840

Harmonies

Analogous

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



153.3830, 11.2690, 54.6050



145.9860, 66.7910, 61.5990



139.8370, 91.4150, 44.8470

Triad

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



145.9860, 66.7910, 61.5990



135.5030, 41.7780, -52.3180



129.6120, -125.2110, -16.0510

Complementary

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



145.9860, 66.7910, 61.5990



190.0140, -66.7910, -61.5990

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.



125.6900, -108.6560, -35.2480



145.9860, 66.7910, 61.5990



125.2390, -27.8200, -57.5160

Square

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



145.9860, 66.7910, 61.5990



139.9200, 80.9290, -29.4630



117.1060, -87.2410, -54.4170



125.3380, -126.9550, -6.4670

Rectangle

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



145.9860, 66.7910, 61.5990



142.5870, 97.1500, 23.5020



117.1060, -87.2410, -54.4170



128.9620, -120.6250, -22.0730

Sweetspot

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



145.9860, 66.7910, 61.5990



224.4300, 19.9410, 18.5730



126.8710, -10.2360, 64.3880



108.7940, 12.7440, 11.3360



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.



145.9860, 66.7910, 61.5990



130.0300, 81.8270, 75.4510



137.0940, 91.8290, 37.3410



116.6850, 5.5010, 4.9330



68.4810, 78.9390, 72.7230



22.1150, 25.4420, 23.5060

Inverse Universe

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



145.9860, 66.7910, 61.5990



130.0300, 81.8270, 75.4510



198.9060, -91.8290, -37.3410



116.6850, 5.5010, 4.9330



68.4810, 78.9390, 72.7230



22.1150, 25.4420, 23.5060

Previews

White Background



This preview shows how the YIQ color 145.9860, 66.7910, 61.5990 looks on a white background.

Color Contrast Check

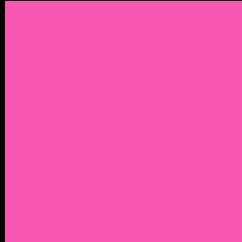
Large Text (above 18pt) WCAG AA × Fail

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 145.9860, 66.7910, 61.5990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

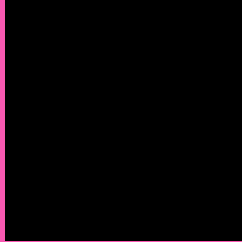
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 145.9860, 66.7910, 61.5990

Background



This preview shows how black text looks on a background with the YIQ color 145.9860, 66.7910, 61.5990.



This preview shows how white text looks on a background with the YIQ color 145.9860, 66.7910,

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

145.9860, 66.7910, 61.5990

Protanopia

148.9290, -35.6280, 17.9400

Deuteranopia

151.3130, -2.0190, 9.0610



Tritanopia

146.3590, 80.5970, 31.6450

Trichromacy



Original Color

145.9860, 66.7910, 61.5990



Protanomaly

148.0480, 1.1860, 33.5860



Deuteranomaly

149.4940, 23.0570, 28.1850



Tritanomaly

146.1710, 75.7350, 42.6710

Monochromacy



Original Color

145.9860, 66.7910, 61.5990



Achromatopsia

146.0000, -0.0000, -0.0000



Achromatomaly

145.9900, 24.2960, 22.2480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.9860, 66.7910, 61.5990 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(248, 88, 177)` looks like.

```
.text, #text, p{  
    color:rgb(248, 88, 177)  
}
```

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(248, 88, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 88, 177) }
```

Border

The CSS property to change the border of an element to YIQ 145.9860, 66.7910, 61.5990 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(248, 88, 177) }
```


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

```
.border{ border-color:rgb(248, 88, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 88, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 88, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 88, 177);  
box-shadow:4px 4px 4px 4px rgb(248, 88,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 145.9860, 66.7910, 61.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 88, 177) }
```

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

```
.background{ background-color: rgb(248, 88,  
177) }
```

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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