

Converting Colors

YIQ(146.6070, 60.0080, 46.8560)

Have a look what the booklet for
YIQ(146.6070, 60.0080, 46.8560)
contains.

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Color

**YIQ(146.6070, 60.0080,
46.8560)**

Conversions

Conversions Part 1

Format	Color
Hex	E964A0
RGB	233, 100, 160
RGB Percent	91%, 39%, 63%
CMY	0.0859, 0.6080, 0.3724
CMYK	0.00, 0.57, 0.31, 0.09
HSL	333°, 75%, 65%
HSV	333°, 57%, 91%
XYZ	44.5350, 28.9823, 36.5270
YIQ	146.6070, 60.0080, 46.8560

Conversions

Conversions Part 2

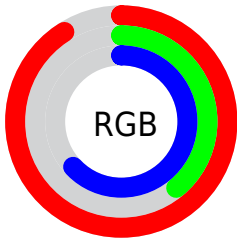
Format	Color
R _Y B	233, 100, 160
Decimal	15295648
CIE Lab	60.77, 57.46, -6.61
CIE LCh	61, 57.842, 353.435
Yxy	28.9823, 0.4047, 0.2634
Android (android.graphics.Color)	4293485728 (0xFFE964A0)
YUV	146.6070, 6.6027, 75.7667
Hunter-Lab	53.8352, 53.4521, -2.5435

Details

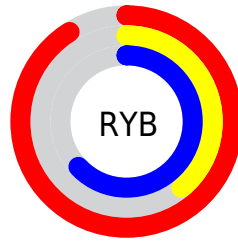
The YIQ color **146.6070, 60.0080, 46.8560** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **186.3930, -60.0080, -46.8560**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.3270, 40.0650, 39.3370**, and **89.1060, 57.1650, 48.8210** is the 20% darker color. If you saturate the color by 10%, you get **131.6240, 70.5060, 54.8420**, and if you desaturate by 10%, it is **161.5900, 49.5100, 38.8700**.

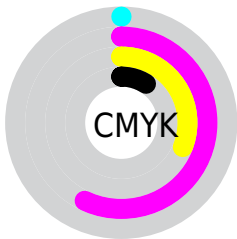
Distribution



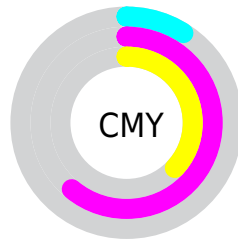
- Red (91%)
- Green (39%)
- Blue (63%)



- Red (91%)
- Yellow (39%)
- Blue (63%)



- Cyan (0%)
- Magenta (57%)
- Yellow (31%)
- Black (9%)





- Cyan (9%)
- Magenta (61%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 146.6070, 60.0080, 46.8560 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 146.6070, 60.0080, 46.8560 by changing the saturation by 10% instead.


 146.6070, 60.0080,
46.8560


 146.6070, 60.0080,
46.8560


255.0000, -0.0000,
-0.0000


 118.2370, 58.1740,
47.0540


 192.3270, 40.0650,
39.3370

 89.1060, 57.1650,
48.8210


 211.9550, 23.3770,
33.4010


 52.9310, 59.4560,
56.8640

 230.3460, 11.5500,
21.9660

 41.6380, 49.5550,
43.5630

 247.3690, 3.5750,
6.7990

 30.8720, 39.6080,
31.0960

 21.0030, 31.4490,
19.2650

 9.3830, 18.1550,

6.8830

■ 0.0000, 0.0000,
0.0000

■ 146.6070, 60.0080,
46.8560

■ 146.6070, 60.0080,
46.8560

■ 131.6240, 70.5060,
54.8420

■ 161.5900, 49.5100,
38.8700

■ 116.0540, 81.2790,
63.3510

■ 177.1600, 38.7370,
30.3610

■ 101.1850, 91.4560,
71.6480

■ 192.0290, 28.5600,
22.0640

■ 86.2020, 101.9540,
79.6340

■ 207.0120, 18.0620,
14.0780

■ 81.6370, 105.1630,
82.0510

■ 221.9950, 7.5640,
6.0920

■ 237.5650, -3.2090,
-2.4170

■ 247.8520,
-11.5070, -6.2190

■ 248.4220,
-13.1120, -4.6640

Harmonies

Analogous

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



151.0060, 19.3400, 45.9960



146.6070, 60.0080, 46.8560



143.7610, 79.4050, 31.2210

Triad

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



146.6070, 60.0080, 46.8560



136.6540, 22.8400, -39.4960



124.0210, -119.1130, -16.4330

Complementary

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



146.6070, 60.0080, 46.8560



186.3930, -60.0080, -46.8560

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.



121.5810, -106.7310, -31.5870



146.6070, 60.0080, 46.8560



127.2360, -31.7650, -46.5890

Square

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



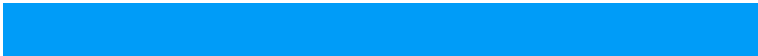
146.6070, 60.0080, 46.8560



141.0010, 59.0120, -23.2280



114.9520, -89.4430, -47.5470



119.8440, -122.5080, -4.4600

Rectangle

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



146.6070, 60.0080, 46.8560



143.3950, 79.7750, 13.4950



114.9520, -89.4430, -47.5470



123.8270, -115.8110, -21.2110

Sweetspot

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



146.6070, 60.0080, 46.8560



227.0230, 19.5290, 15.0250



136.3910, -0.3770, 56.4150



111.1420, 11.6440, 9.2440



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.



146.6070, 60.0080, 46.8560



140.6300, 79.5370, 61.8810



142.1150, 78.1680, 26.1040



109.8590, 4.9510, 3.8870



63.4670, 81.5540, 63.8740



18.8820, 24.4800, 18.9120

Inverse Universe

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



146.6070, 60.0080, 46.8560



140.6300, 79.5370, 61.8810



190.8850, -78.1680, -26.1040



109.8590, 4.9510, 3.8870



63.4670, 81.5540, 63.8740



18.8820, 24.4800, 18.9120

Previews

White Background



This preview shows how the YIQ color 146.6070, 60.0080, 46.8560 looks on a white background.

Color Contrast Check

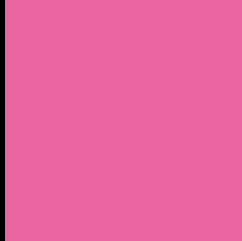
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.6070, 60.0080, 46.8560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

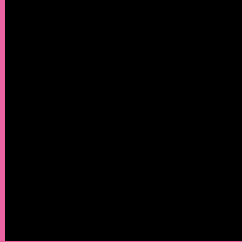
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.6070, 60.0080, 46.8560

Background



This preview shows how black text looks on a background with the YIQ color 146.6070, 60.0080, 46.8560.



This preview shows how white text looks on a background with the YIQ color 146.6070, 60.0080,

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

146.6070, 60.0080, 46.8560

Protanopia

147.1400, -20.4050, 11.8750

Deuteranopia

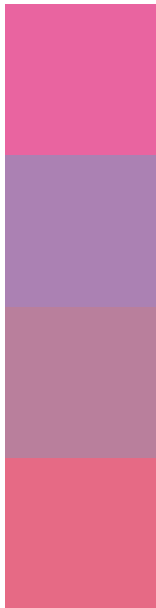
148.6250, 5.7300, 6.2900



Tritanopia

145.7920, 68.9520, 27.9280

Trichromacy



Original Color

146.6070, 60.0080, 46.8560

Protanomaly

147.2580, 8.9820, 24.4540

Deuteranomaly

147.6480, 25.2590, 21.3150

Tritanomaly

146.1540, 65.2370, 34.6850

Monochromacy



Original Color

146.6070, 60.0080, 46.8560

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

146.8600, 21.5460, 17.0180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.6070, 60.0080, 46.8560 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(233, 100, 160)` looks like.

```
.text, #text, p{  
    color:rgb(233, 100, 160)  
}
```

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(233, 100, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 100, 160) }
```

Border

The CSS property to change the border of an element to YIQ 146.6070, 60.0080, 46.8560 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(233, 100, 160) }
```


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

```
.border{ border-color:rgb(233, 100, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 100, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 100, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 100, 160);  
box-shadow:4px 4px 4px 4px rgb(233, 100,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 146.6070, 60.0080, 46.8560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 100, 160) }
```

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

```
.background{ background-color: rgb(233,  
100, 160) }
```

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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