

Converting Colors

YIQ(186.4660, 46.6230, 30.6150)

Have a look what the booklet for
YIQ(186.4660, 46.6230, 30.6150)
contains.

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Color

**YIQ(186.4660, 46.6230,
30.6150)**

Conversions

Conversions Part 1

Format	Color
Hex	FA9ABB
RGB	250, 154, 187
RGB Percent	98%, 60%, 73%
CMY	0.0194, 0.3962, 0.2665
CMYK	0.00, 0.38, 0.25, 0.02
HSL	339°, 91%, 79%
HSV	339°, 38%, 98%
XYZ	59.9700, 47.0232, 52.9522
YIQ	186.4660, 46.6230, 30.6150

Conversions

Conversions Part 2

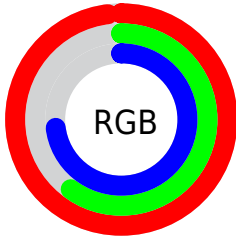
Format	Color
R _Y B	250, 154, 187
Decimal	16423611
CIE Lab	74.20, 40.03, -1.75
CIE LCh	74, 40.072, 357.491
Yxy	47.0232, 0.3749, 0.2940
Android (android.graphics.Color)	4294613691 (0xFFFA9ABB)
YUV	186.4660, 0.2633, 55.7193
Hunter-Lab	68.5735, 36.1012, 2.2180

Details

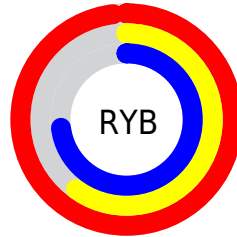
The YIQ color **186.4660, 46.6230, 30.6150** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **217.5340, -46.6230, -30.6150**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.2170, 16.2270, 19.8030**, and **131.9710, 43.6430, 29.5550** is the 20% darker color. If you saturate the color by 10%, you get **169.9670, 58.6340, 38.7140**, and if you desaturate by 10%, it is **202.9650, 34.6120, 22.5160**.

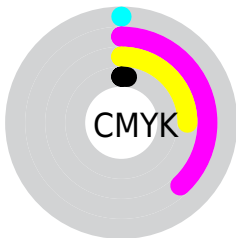
Distribution



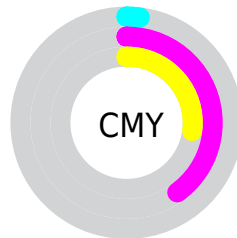
- Red (98%)
- Green (60%)
- Blue (73%)



- Red (98%)
- Yellow (60%)
- Blue (73%)



- Cyan (0%)
- Magenta (38%)
- Yellow (25%)
- Black (2%)





- Cyan (2%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 186.4660, 46.6230, 30.6150 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 186.4660, 46.6230, 30.6150 by changing the saturation by 10% instead.


 186.4660, 46.6230,
30.6150


 186.4660, 46.6230,
30.6150


255.0000, -0.0000,
-0.0000


 158.8680, 45.4310,
30.1910


 227.2170, 16.2270,
19.8030


 131.9710, 43.6430,
29.5550

 245.0210, 4.6750,
8.8910

 105.1880, 41.5340,
29.2300

 79.2910, 39.7460,
28.5940

 52.7470, 38.4620,
29.8380

 29.0780, 36.0320,
29.8240

 19.2090, 27.8730,

17.9930

■ 8.4860, 16.3670,
6.2470

■ 0.0000, 0.0000,
0.0000

■ 186.4660, 46.6230,
30.6150

■ 186.4660, 46.6230,
30.6150

■ 169.9670, 58.6340,
38.7140

■ 202.9650, 34.6120,
22.5160

■ 153.3540, 70.9660,
46.5020

■ 219.5780, 22.2800,
14.7280

■ 136.8550, 82.9770,
54.6010

■ 236.0770, 10.2690,
6.6290

■ 120.2420, 95.3090,
62.3890

■ 252.6900, -2.0630,
-1.1590

■ 103.7430,
107.3200, 70.4880

■ 253.5050, -2.9800,
-1.0600

■ 87.2440, 119.3310,
78.5870

■ 84.5540, 121.3940,
79.7460

Harmonies

Analogous

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



187.5030, 18.8380, 33.0620



186.4660, 46.6230, 30.6150



184.3190, 59.7380, 18.6980

Triad

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



186.4660, 46.6230, 30.6150



176.1820, 13.0260, -26.8300



159.6010, -100.3150, -15.6990

Complementary

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



186.4660, 46.6230, 30.6150



217.5340, -46.6230, -30.6150

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.



147.8790, -113.5620, -34.4420



186.4660, 46.6230, 30.6150



170.6860, -23.7440, -32.2560

Square

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



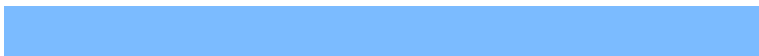
186.4660, 46.6230, 30.6150



179.8760, 40.6710, -15.7210



162.1880, -66.2000, -33.7520



175.6160, -59.9720, 7.5800

Rectangle

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



186.4660, 46.6230, 30.6150



183.1690, 59.7400, 7.6440



162.1880, -66.2000, -33.7520



152.9860, -112.0050, -24.1090

Sweetspot

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



186.4660, 46.6230, 30.6150



234.5230, 14.9450, 9.9930



183.4820, 6.1360, 43.0000



116.0660, 8.8020, 5.6820



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.



186.4660, 46.6230, 30.6150



177.5430, 56.8920, 37.2440



190.9220, 53.3660, 13.0300



116.4570, 6.1430, 4.3110



63.9210, 91.7790, 60.2830



20.6330, 29.6150, 19.4630

Inverse Universe

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



186.4660, 46.6230, 30.6150



177.5430, 56.8920, 37.2440



213.0780, -53.3660, -13.0300



116.4570, 6.1430, 4.3110



63.9210, 91.7790, 60.2830



20.6330, 29.6150, 19.4630

Previews

White Background



This preview shows how the YIQ color 186.4660, 46.6230, 30.6150 looks on a white background.

Color Contrast Check

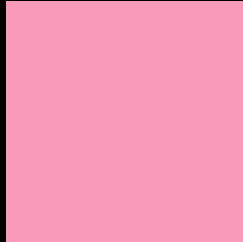
Large Text (above 18pt) WCAG AA × Fail

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 186.4660, 46.6230, 30.6150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

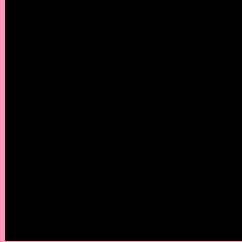
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.4660, 46.6230, 30.6150

Background



This preview shows how black text looks on a background with the YIQ color 186.4660, 46.6230, 30.6150.



This preview shows how white text looks on a background with the YIQ color 186.4660, 46.6230,

30.6150.

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

186.4660, 46.6230, 30.6150

Protanopia

183.9100, -8.2540, 6.4180

Deuteranopia

184.5610, 11.7820, 6.7420



Tritanopia

185.5770, 50.3840, 23.0240

Trichromacy



Original Color

186.4660, 46.6230, 30.6150



Protanomaly

184.8310, 11.3220, 15.0820



Deuteranomaly

185.3610, 24.3890, 15.0530



Tritanomaly

186.0870, 49.0080, 25.9360

Monochromacy



Original Color

186.4660, 46.6230, 30.6150



Achromatopsia

186.0000, -0.0000, -0.0000



Achromatomaly

185.8330, 17.0080, 11.1520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.4660, 46.6230, 30.6150 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(250, 154, 187)` looks like.

```
.text, #text, p{  
    color:rgb(250, 154, 187)  
}
```

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(250, 154, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 154, 187) }
```

Border

The CSS property to change the border of an element to YIQ 186.4660, 46.6230, 30.6150 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(250, 154, 187) }
```


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

```
.border{ border-color:rgb(250, 154, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 154, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 154, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 154, 187);  
box-shadow:4px 4px 4px 4px rgb(250, 154,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 186.4660, 46.6230, 30.6150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 154, 187) }
```

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

```
.background{ background-color: rgb(250,  
154, 187) }
```

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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