

Converting Colors

YIQ(186.5320, 46.2570, 26.2330)

Have a look what the booklet for
YIQ(186.5320, 46.2570, 26.2330)
contains.

| | |
|--|----|
| YIQ(186.5320, 46.2570, 26.2330) | 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(186.5320, 46.2570,
26.2330)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F79DB4 |
| RGB | 247, 157, 180 |
| RGB Percent | 97%, 62%, 71% |
| CMY | 0.0311, 0.3844, 0.2939 |
| CMYK | 0.00, 0.36, 0.27, 0.03 |
| HSL | 345°, 85%, 79% |
| HSV | 345°, 36%, 97% |
| XYZ | 58.6714, 47.1829, 49.2175 |
| YIQ | 186.5320, 46.2570, 26.2330 |

Conversions

Conversions Part 2

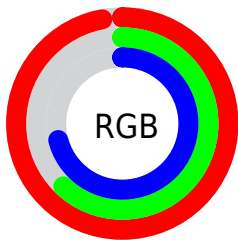
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 247, 157, 180 |
| Decimal | 16227764 |
| CIE _{Lab} | 74.31, 36.48, 2.21 |
| CIE _{LCh} | 74, 36.543, 3.467 |
| Yxy | 47.1829, 0.3783, 0.3043 |
| Android (android.graphics.Color) | 4294417844 (0xFFFF79DB4) |
| YUV | 186.5320, -3.2203, 53.0304 |
| Hunter-Lab | 68.6898, 32.2586, 5.6005 |

Details

The YIQ color **186.5320, 46.2570, 26.2330** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **217.4680, -46.2570, -26.2330**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.1800, 17.6490, 16.0570**, and **132.0370, 43.2770, 25.1730** is the 20% darker color. If you saturate the color by 10%, you get **169.8050, 58.9100, 33.7100**, and if you desaturate by 10%, it is **203.2590, 33.6040, 18.7560**.

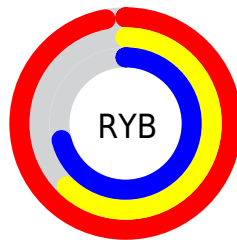
Distribution



Red (97%)

Green (62%)

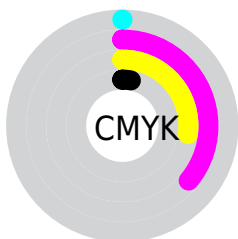
Blue (71%)



Red (97%)

Yellow (62%)

Blue (71%)

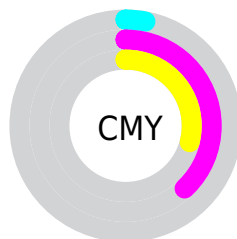


Cyan (0%)

Magenta (36%)

Yellow (27%)

Black (3%)



Cyan (3%)


Magenta (38%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 186.5320, 46.2570, 26.2330 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 186.5320, 46.2570, 26.2330 by changing the saturation by 10% instead.


 186.5320, 46.2570,
26.2330

 186.5320, 46.2570,
26.2330


255.0000, -0.0000,
-0.0000


 158.9340, 45.0650,
25.8090


 228.1800, 17.6490,
16.0570


 132.0370, 43.2770,
25.1730

 246.7820, 3.8500,
7.3220

 106.1400, 41.4890,
24.5370

 80.3570, 39.3800,
24.2120

 55.1010, 37.2250,
24.7210

 27.4970, 36.1700,
27.3220

 17.8130, 28.9280,

15.3920

■ 7.5890, 14.5790,
5.6110

■ 0.0000, 0.0000,
0.0000

■ 186.5320, 46.2570,
26.2330

■ 186.5320, 46.2570,
26.2330

■ 169.8050, 58.9100,
33.7100

■ 203.2590, 33.6040,
18.7560

■ 153.5510, 71.6090,
40.3530

■ 219.5130, 20.9050,
12.1130

■ 136.8240, 84.2620,
47.8300

■ 236.2400, 8.2520,
4.6360

■ 120.0970, 96.9150,
55.3070

■ 252.4940, -4.4470,
-2.0070

■ 103.2560,
109.8890, 62.4730

■ 252.6080, -4.7680,
-1.6960

■ 87.1160, 122.2670,
69.4270

■ 81.0350, 126.9890,
71.9570

Harmonies

Analogous

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



187.8470, 23.5610, 30.0650



186.5320, 46.2570, 26.2330



185.1180, 55.7500, 13.8780

Triad

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



186.5320, 46.2570, 26.2330



176.7020, 5.6900, -26.0380



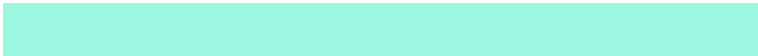
168.0770, -77.9880, -7.3320

Complementary

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



186.5320, 46.2570, 26.2330



217.4680, -46.2570, -26.2330

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.



160.0070, -90.1350, -23.9830



186.5320, 46.2570, 26.2330



171.2280, -28.1460, -29.5700

Square

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



186.5320, 46.2570, 26.2330



180.3420, 33.4270, -16.5970



164.3070, -64.9170, -29.4690



179.4390, -46.1720, 10.7880

Rectangle

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



186.5320, 46.2570, 26.2330



183.7120, 53.5970, 3.3330



164.3070, -64.9170, -29.4690



164.6690, -85.8270, -13.9470

Sweetspot

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



186.5320, 46.2570, 26.2330



236.1700, 14.4410, 8.1130



186.9940, 10.4460, 41.9820



116.5390, 8.8480, 4.8480



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.



186.5320, 46.2570, 26.2330



179.7940, 57.4430, 32.7630



196.2370, 47.8650, 8.0970



113.9300, 6.1890, 3.4770



61.0860, 95.4480, 54.3600



19.3510, 30.3490, 17.1730

Inverse Universe

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



186.5320, 46.2570, 26.2330



179.7940, 57.4430, 32.7630



207.7630, -47.8650, -8.0970



113.9300, 6.1890, 3.4770



61.0860, 95.4480, 54.3600



19.3510, 30.3490, 17.1730

Previews

White Background



This preview shows how the YIQ color 186.5320, 46.2570, 26.2330 looks on a white background.

Color Contrast Check

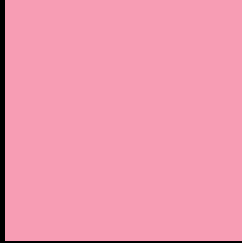
Large Text (above 18pt) WCAG AA × Fail

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 186.5320, 46.2570, 26.2330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

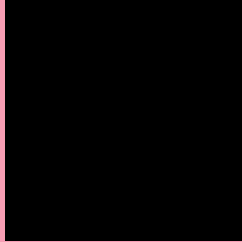
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.5320, 46.2570, 26.2330

Background



This preview shows how black text looks on a background with the YIQ color 186.5320, 46.2570, 26.2330.



This preview shows how white text looks on a background with the YIQ color 186.5320, 46.2570,

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

186.5320, 46.2570, 26.2330

Protanopia

183.7810, -3.5770, 4.2550

Deuteranopia

184.6600, 15.8170, 5.2010



Tritanopia

186.3810, 48.0000, 22.1760

Trichromacy



Original Color

186.5320, 46.2570, 26.2330



Protanomaly

184.8050, 14.2110, 12.2830



Deuteranomaly

185.4490, 26.9570, 12.5650



Tritanomaly

186.1360, 47.3120, 23.6320

Monochromacy



Original Color

186.5320, 46.2570, 26.2330



Achromatopsia

187.0000, -0.0000, -0.0000



Achromatomaly

186.7790, 17.1000, 9.4840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.5320, 46.2570, 26.2330 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(247, 157, 180)` looks like.

```
.text, #text, p{  
    color:rgb(247, 157, 180)  
}
```

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(247, 157, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 157, 180) }
```

Border

The CSS property to change the border of an element to YIQ 186.5320, 46.2570, 26.2330 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(247, 157, 180) }
```


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

```
.border{ border-color:rgb(247, 157, 180) }
```

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

Here you see how a box with a 4 pixel rgb(247, 157, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 157, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 157, 180);  
box-shadow:4px 4px 4px 4px rgb(247, 157,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 186.5320, 46.2570, 26.2330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 157, 180) }
```

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

```
.background{ background-color: rgb(247,  
157, 180) }
```

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