

Converting Colors

YIQ(186.2750, 45.8430, 33.7390)

Have a look what the booklet for
YIQ(186.2750, 45.8430, 33.7390)
contains.

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Color

**YIQ(186.2750, 45.8430,
33.7390)**

Conversions

Conversions Part 1

Format	Color
Hex	FB98C1
RGB	251, 152, 193
RGB Percent	98%, 60%, 76%
CMY	0.0154, 0.4041, 0.2430
CMYK	0.00, 0.39, 0.23, 0.02
HSL	335°, 93%, 79%
HSV	335°, 39%, 98%
XYZ	60.6591, 46.8166, 56.3139
YIQ	186.2750, 45.8430, 33.7390

Conversions

Conversions Part 2

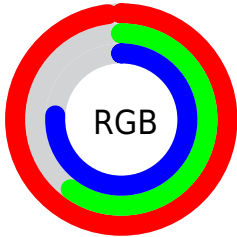
Format	Color
R_{YB}	251, 152, 193
Decimal	16488641
CIE _{Lab}	74.07, 42.24, -5.24
CIE _{LCh}	74, 42.564, 352.925
Yxy	46.8166, 0.3703, 0.2858
Android (android.graphics.Color)	4294678721 (0xFFFB98C1)
YUV	186.2750, 3.3154, 56.7638
Hunter-Lab	68.4226, 38.5069, -0.9016

Details

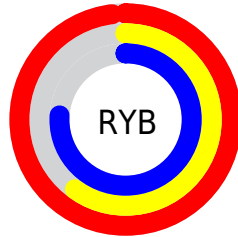
The YIQ color **186.2750, 45.8430, 33.7390** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **216.7250, -45.8430, -33.7390**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.7270, 14.8510, 22.7150**, and **131.7800, 42.8630, 32.6790** is the 20% darker color. If you saturate the color by 10%, you get **169.8900, 57.5330, 42.1490**, and if you desaturate by 10%, it is **202.6600, 34.1530, 25.3290**.

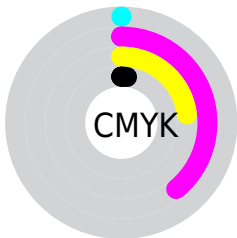
Distribution



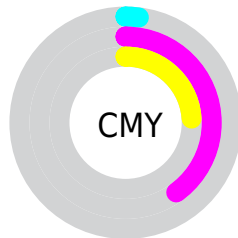
- Red (98%)
- Green (60%)
- Blue (76%)



- Red (98%)
- Yellow (60%)
- Blue (76%)



- Cyan (0%)
- Magenta (39%)
- Yellow (23%)
- Black (2%)




- Cyan (2%)
- Magenta (40%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 186.2750, 45.8430, 33.7390 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 186.2750, 45.8430, 33.7390 by changing the saturation by 10% instead.

 186.2750, 45.8430,
33.7390

 186.2750, 45.8430,
33.7390


255.0000, -0.0000,
-0.0000


 158.6770, 44.6510,
33.3150


 226.7270, 14.8510,
22.7150


 131.7800, 42.8630,
32.6790

 243.8470, 5.2250,
9.9370

 104.8830, 41.0750,
32.0430

 78.5130, 39.2410,
32.2410

 51.2680, 38.5530,
33.6970

 29.8330, 35.3440,
31.2800

 19.7790, 26.2680,

19.5480

■ 9.0840, 17.5590,
6.6710

■ 0.0000, 0.0000,
0.0000

■ 186.2750, 45.8430,
33.7390

■ 186.2750, 45.8430,
33.7390

■ 169.8900, 57.5330,
42.1490

■ 202.6600, 34.1530,
25.3290

■ 153.6190, 68.9020,
50.8700

■ 218.9310, 22.7840,
16.6080

■ 137.2340, 80.5920,
59.2800

■ 235.3160, 11.0940,
8.1980

■ 120.8490, 92.2820,
67.6900

■ 251.7010, -0.5960,
-0.2120

■ 103.9910,
103.9260, 76.9340

■ 253.8040, -2.3840,
-0.8480

■ 87.6060, 115.6160,
85.3440

■ 86.9050, 116.2120,
85.5560

Harmonies

Analogous

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



187.1050, 14.2070, 34.3910



186.2750, 45.8430, 33.7390



183.6120, 60.4710, 21.9350

Triad

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



186.2750, 45.8430, 33.7390



176.1780, 18.8490, -27.7350



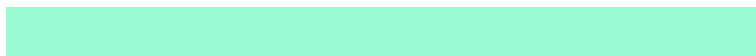
143.9280, -132.4530, -27.9810

Complementary

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



186.2750, 45.8430, 33.7390



216.7250, -45.8430, -33.7390

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.



142.6280, -123.2810, -40.0250



186.2750, 45.8430, 33.7390



170.6710, -19.3880, -34.1080

Square

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



186.2750, 45.8430, 33.7390



180.3390, 46.6770, -14.4350



160.7920, -65.1450, -36.3530



171.4080, -71.2500, 2.7180

Rectangle

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



186.2750, 45.8430, 33.7390



183.3160, 63.8200, 10.7960



160.7920, -65.1450, -36.3530



144.0760, -130.1140, -31.8260

Sweetspot

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



186.2750, 45.8430, 33.7390



234.7510, 14.3030, 10.6150



180.6280, 2.7890, 43.0850



116.1800, 8.4810, 5.9930



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.



186.2750, 45.8430, 33.7390



176.5800, 55.4700, 40.9900



186.2970, 56.8040, 16.8040



116.5710, 5.8220, 4.6220



65.4030, 87.6060, 64.3260



21.0890, 28.3310, 20.7070

Inverse Universe

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



186.2750, 45.8430, 33.7390



176.5800, 55.4700, 40.9900



216.7030, -56.8040, -16.8040



116.5710, 5.8220, 4.6220



65.4030, 87.6060, 64.3260



21.0890, 28.3310, 20.7070

Previews

White Background



This preview shows how the YIQ color 186.2750, 45.8430, 33.7390 looks on a white background.

Color Contrast Check

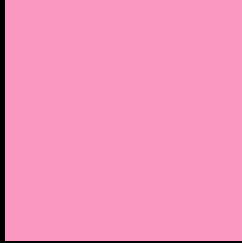
Large Text (above 18pt) WCAG AA × Fail

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 186.2750, 45.8430, 33.7390 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 186.2750, 45.8430, 33.7390

Background



This preview shows how black text looks on a background with the YIQ color 186.2750, 45.8430, 33.7390.



This preview shows how white text looks on a background with the YIQ color 186.2750, 45.8430,

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

186.2750, 45.8430, 33.7390

Protanopia

183.2240, -12.0140, 8.4820

Deuteranopia

184.3480, 8.0680, 7.9720



Tritanopia

184.8760, 50.9800, 23.2360

Trichromacy



Original Color

186.2750, 45.8430, 33.7390



Protanomaly

184.0420, 9.3500, 17.7820



Deuteranomaly

185.1590, 22.1420, 17.2300



Tritanomaly

185.6140, 48.9620, 26.7700

Monochromacy



Original Color

186.2750, 45.8430, 33.7390



Achromatopsia

186.0000, -0.0000, -0.0000



Achromatomaly

186.4740, 16.6410, 12.2970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.2750, 45.8430, 33.7390 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(251, 152, 193)` looks like.

```
.text, #text, p{  
    color:rgb(251, 152, 193)  
}
```

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(251, 152, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 152, 193) }
```

Border

The CSS property to change the border of an element to YIQ 186.2750, 45.8430, 33.7390 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(251, 152, 193) }
```


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

```
.border{ border-color:rgb(251, 152, 193) }
```

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

Here you see how a box with a 4 pixel rgb(251, 152, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 152, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 152, 193);  
box-shadow:4px 4px 4px 4px rgb(251, 152,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 186.2750, 45.8430, 33.7390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 152, 193) }
```

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

```
.background{ background-color: rgb(251,  
152, 193) }
```

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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