

Converting Colors

YIQ(187.6670, 41.4430, 25.3710)

Have a look what the booklet for
YIQ(187.6670, 41.4430, 25.3710)
contains.

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Color

**YIQ(187.6670, 41.4430,
25.3710)**

Conversions

Conversions Part 1

Format	Color
Hex	F3A0B9
RGB	243, 160, 185
RGB Percent	95%, 63%, 73%
CMY	0.0468, 0.3727, 0.2744
CMYK	0.00, 0.34, 0.24, 0.05
HSL	342°, 78%, 79%
HSV	342°, 34%, 95%
XYZ	58.3065, 47.6982, 52.0530
YIQ	187.6670, 41.4430, 25.3710

Conversions

Conversions Part 2

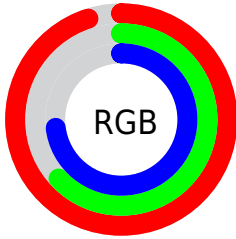
Format	Color
R_{YB}	243, 160, 185
Decimal	15966393
CIE Lab	74.63, 34.18, -0.12
CIE LCh	75, 34.180, 359.802
Yxy	47.6982, 0.3689, 0.3018
Android (android.graphics.Color)	4294156473 (0xFFFF3A0B9)
YUV	187.6670, -1.3148, 48.5270
Hunter-Lab	69.0639, 29.8350, 3.6583

Details

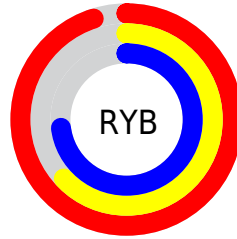
The YIQ color **187.6670, 41.4430, 25.3710** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **215.3330, -41.4430, -25.3710**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.5110, 15.2190, 16.0430**, and **133.1720, 38.4630, 24.3110** is the 20% darker color. If you saturate the color by 10%, you get **171.6410, 53.5000, 32.6360**, and if you desaturate by 10%, it is **203.6930, 29.3860, 18.1060**.

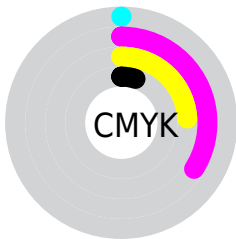
Distribution



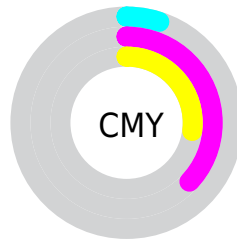
- Red (95%)
- Green (63%)
- Blue (73%)



- Red (95%)
- Yellow (63%)
- Blue (73%)



- Cyan (0%)
- Magenta (34%)
- Yellow (24%)
- Black (5%)




- Cyan (5%)
- Magenta (37%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 187.6670, 41.4430, 25.3710 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 187.6670, 41.4430, 25.3710 by changing the saturation by 10% instead.


 187.6670, 41.4430,
25.3710

 187.6670, 41.4430,
25.3710


255.0000, -0.0000,
-0.0000


 160.0690, 40.2510,
24.9470


 230.5110, 15.2190,
16.0430


 133.1720, 38.4630,
24.3110

 248.5430, 3.0250,
5.7530

 107.2750, 36.6750,
23.6750

 81.7910, 35.1620,
23.5620

 57.0080, 33.0530,
23.2370

 30.2900, 32.3190,
25.5270

 17.7850, 26.1310,

16.5230

■ 6.8770, 13.7080,
4.8760

■ 0.0000, 0.0000,
0.0000

■ 187.6670, 41.4430,
25.3710

■ 187.6670, 41.4430,
25.3710

■ 171.6410, 53.5000,
32.6360

■ 203.6930, 29.3860,
18.1060

■ 155.0280, 65.8320,
40.4240

■ 220.3060, 17.0540,
10.3180

■ 139.0020, 77.8890,
47.6890

■ 236.3320, 4.9970,
3.0530

■ 122.9760, 89.9460,
54.9540

■ 251.1840, -6.5100,
-3.1660

■ 106.3630,
102.2780, 62.7420

■ 251.4120, -7.1520,
-2.5440

■ 90.3370, 114.3350,
70.0070

■ 80.9790, 121.3950,
74.2190

Harmonies

Analogous

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



188.1560, 18.1970, 28.1570



187.6670, 41.4430, 25.3710



185.9050, 52.0360, 15.1080

Triad

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



187.6670, 41.4430, 25.3710



178.1370, 8.8990, -23.6210



169.8880, -73.0820, -8.1380

Complementary

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



187.6670, 41.4430, 25.3710



215.3330, -41.4430, -25.3710

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.



164.5200, -78.3980, -21.9340



187.6670, 41.4430, 25.3710



174.1040, -21.8650, -27.7610

Square

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



187.6670, 41.4430, 25.3710



181.9230, 33.2890, -14.0950



168.3360, -54.6930, -27.5330



179.9720, -46.3550, 8.5970

Rectangle

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



187.6670, 41.4430, 25.3710



185.0970, 51.0750, 4.9870



168.3360, -54.6930, -27.5330



167.0890, -78.2620, -13.3820

Sweetspot

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



187.6670, 41.4430, 25.3710



238.2730, 12.6530, 7.4770



186.5050, 7.3290, 37.8970



117.3540, 7.9310, 4.9470



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.



187.6670, 41.4430, 25.3710



185.0430, 52.3080, 32.2120



193.6220, 45.3430, 9.7510



114.0440, 5.8680, 3.7880



61.9980, 92.8800, 56.8480



19.6930, 29.3860, 18.1060

Inverse Universe

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



187.6670, 41.4430, 25.3710



185.0430, 52.3080, 32.2120



209.3780, -45.3430, -9.7510



114.0440, 5.8680, 3.7880



61.9980, 92.8800, 56.8480



19.6930, 29.3860, 18.1060

Previews

White Background



This preview shows how the YIQ color 187.6670, 41.4430, 25.3710 looks on a white background.

Color Contrast Check

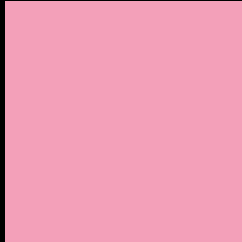
Large Text (above 18pt) WCAG AA × Fail

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 187.6670, 41.4430, 25.3710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

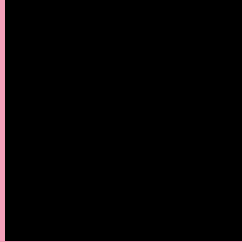
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.6670, 41.4430, 25.3710

Background



This preview shows how black text looks on a background with the YIQ color 187.6670, 41.4430, 25.3710.



This preview shows how white text looks on a background with the YIQ color 187.6670, 41.4430,

25.3710.

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

187.6670, 41.4430, 25.3710

Protanopia

184.8240, -5.1360, 4.9760

Deuteranopia

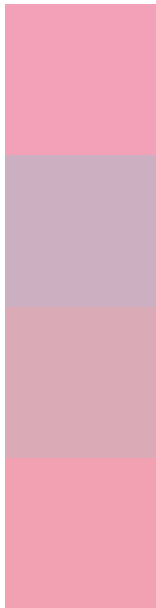
185.9310, 13.6160, 6.5440



Tritanopia

187.2880, 43.8280, 20.6920

Trichromacy



Original Color

187.6670, 41.4430, 25.3710

Protanomaly

186.1360, 11.7810, 12.2690

Deuteranomaly

186.4210, 24.1600, 13.6960

Tritanomaly

187.1570, 42.8190, 22.4590

Monochromacy



Original Color

187.6670, 41.4430, 25.3710

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.9960, 14.9910, 9.1590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.6670, 41.4430, 25.3710 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(243, 160, 185)` looks like.

```
.text, #text, p{  
    color:rgb(243, 160, 185)  
}
```

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(243, 160, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 160, 185) }
```

Border

The CSS property to change the border of an element to YIQ 187.6670, 41.4430, 25.3710 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(243, 160, 185) }
```


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

```
.border{ border-color:rgb(243, 160, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 160, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 160, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 160, 185); box-shadow:4px 4px 4px 4px rgb(243, 160, 185) }
```

Background

The CSS property to change the background color of an element to YIQ 187.6670, 41.4430, 25.3710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 160, 185) }
```

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

```
.background{ background-color: rgb(243,  
160, 185) }
```

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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