

Converting Colors

YIQ(168.3560, 50.2890, 41.2730)

Have a look what the booklet for
YIQ(168.3560, 50.2890, 41.2730)
contains.

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Color

**YIQ(168.3560, 50.2890,
41.2730)**

Conversions

Conversions Part 1

Format	Color
Hex	F280B7
RGB	242, 128, 183
RGB Percent	95%, 50%, 72%
CMY	0.0507, 0.4982, 0.2822
CMYK	0.00, 0.47, 0.24, 0.05
HSL	331°, 82%, 73%
HSV	331°, 47%, 95%
XYZ	52.9090, 37.7375, 49.3170
YIQ	168.3560, 50.2890, 41.2730

Conversions

Conversions Part 2

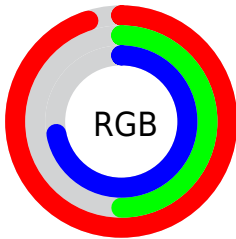
Format	Color
R _Y B	242, 128, 183
Decimal	15892663
CIE Lab	67.83, 49.99, -9.07
CIE LCh	68, 50.802, 349.720
Yxy	37.7375, 0.3780, 0.2696
Android (android.graphics.Color)	4294082743 (0xFFFF280B7)
YUV	168.3560, 7.2195, 64.5858
Hunter-Lab	61.4308, 46.2342, -4.5968

Details

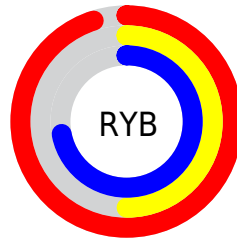
The YIQ color **168.3560, 50.2890, 41.2730** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **201.6440, -50.2890, -41.2730**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.9120, 24.9360, 32.6800**, and **112.9750, 46.9880, 40.5240** is the 20% darker color. If you saturate the color by 10%, you get **152.9000, 60.7410, 50.0930**, and if you desaturate by 10%, it is **183.9260, 39.5160, 32.7640**.

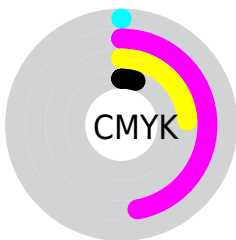
Distribution



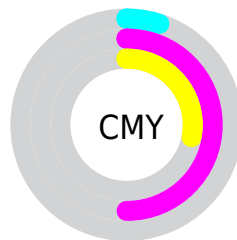
- Red (95%)
- Green (50%)
- Blue (72%)



- Red (95%)
- Yellow (50%)
- Blue (72%)



- Cyan (0%)
- Magenta (47%)
- Yellow (24%)
- Black (5%)





- Cyan (5%)
- Magenta (50%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 168.3560, 50.2890, 41.2730 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 168.3560, 50.2890, 41.2730 by changing the saturation by 10% instead.


 168.3560, 50.2890,
41.2730


 168.3560, 50.2890,
41.2730


255.0000, -0.0000,
-0.0000


 140.4590, 48.5010,
40.6370


 210.9120, 24.9360,
32.6800


 112.9750, 46.9880,
40.5240


 229.7590, 11.8250,
22.4890

 85.9040, 45.7500,
40.9340

 246.7820, 3.8500,
7.3220

 54.8380, 46.1160,
45.3160

 36.2130, 40.3860,
39.0260

 25.9310, 31.9520,
26.6720

 16.2470, 24.7100,

14.7420

■ 0.0000, 0.0000,
0.0000

■ 168.3560, 50.2890,
41.2730

■ 168.3560, 50.2890,
41.2730

■ 152.9000, 60.7410,
50.0930

■ 183.9260, 39.5160,
32.7640

■ 137.3300, 71.5140,
58.6020

■ 199.3820, 29.0640,
23.9440

■ 121.1730, 82.5620,
67.6340

■ 215.5390, 18.0160,
14.9120

■ 105.7170, 93.0140,
76.4540

■ 230.9950, 7.5640,
6.0920

■ 90.1470, 103.7870,
84.9630

■ 246.5650, -3.2090,
-2.4170

■ 85.6960, 106.6750,
87.6910

■ 251.1130, -7.7480,
-2.7560

Harmonies

Analogous

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



170.0110, 11.7760, 39.9040



168.3560, 50.2890, 41.2730



165.8030, 70.4190, 28.8750

Triad

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



168.3560, 50.2890, 41.2730



157.9520, 25.1770, -32.2870



134.6840, -125.7140, -23.4580

Complementary

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



168.3560, 50.2890, 41.2730



201.6440, -50.2890, -41.2730

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.



132.5860, -114.2950, -37.6790



168.3560, 50.2890, 41.2730



151.2810, -18.4700, -39.7340

Square

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



168.3560, 50.2890, 41.2730



162.0750, 56.1680, -15.7360



126.5270, -98.6120, -52.0840



131.7950, -129.9800, -12.2200

Rectangle

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



168.3560, 50.2890, 41.2730



164.6270, 73.3100, 15.0220



126.5270, -98.6120, -52.0840



134.6040, -122.7330, -27.9250

Sweetspot

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



168.3560, 50.2890, 41.2730



231.8160, 15.6780, 13.2300



158.6370, -1.4300, 47.9620



113.7180, 9.9020, 7.7740



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.



168.3560, 50.2890, 41.2730



161.3350, 63.9500, 52.5100



163.2600, 67.3940, 23.1220



112.2720, 5.2260, 4.4100



65.1620, 81.0950, 66.6870



19.8220, 24.7090, 20.2690

Inverse Universe

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



168.3560, 50.2890, 41.2730



161.3350, 63.9500, 52.5100



206.7400, -67.3940, -23.1220



112.2720, 5.2260, 4.4100



65.1620, 81.0950, 66.6870



19.8220, 24.7090, 20.2690

Previews

White Background



This preview shows how the YIQ color 168.3560, 50.2890, 41.2730 looks on a white background.

Color Contrast Check

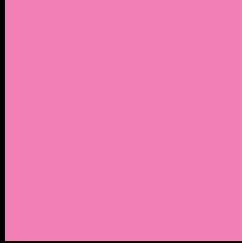
Large Text (above 18pt) WCAG AA × Fail

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 168.3560, 50.2890, 41.2730 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 168.3560, 50.2890, 41.2730

Background



This preview shows how black text looks on a background with the YIQ color 168.3560, 50.2890, 41.2730.



This preview shows how white text looks on a background with the YIQ color 168.3560, 50.2890,

41.2730.

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

168.3560, 50.2890, 41.2730

Protanopia

166.2110, -19.1670, 11.4650

Deuteranopia

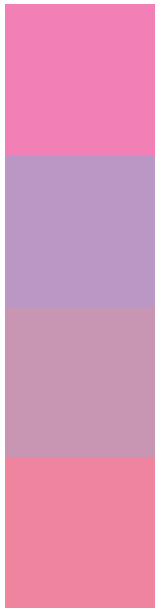
167.3090, 3.8040, 8.1560



Tritanopia

166.9370, 58.1780, 24.9460

Trichromacy



Original Color

168.3560, 50.2890, 41.2730

Protanomaly

167.1220, 6.3690, 22.2490

Deuteranomaly

167.6690, 20.7660, 20.1420

Tritanomaly

167.0710, 55.1050, 31.0810

Monochromacy



Original Color

168.3560, 50.2890, 41.2730

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

167.8380, 18.6120, 15.1240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.3560, 50.2890, 41.2730 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(242, 128, 183)` looks like.

```
.text, #text, p{  
    color:rgb(242, 128, 183)  
}
```

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(242, 128, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 128, 183) }
```

Border

The CSS property to change the border of an element to YIQ 168.3560, 50.2890, 41.2730 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(242, 128, 183) }
```


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

```
.border{ border-color:rgb(242, 128, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 128, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 128, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 128, 183);  
box-shadow:4px 4px 4px 4px rgb(242, 128,  
183) }
```

Background

The CSS property to change the background color of an element to YIQ 168.3560, 50.2890, 41.2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 128, 183) }
```

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

```
.background{ background-color: rgb(242,  
128, 183) }
```

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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