

Converting Colors

YIQ(165.0250, 52.7190, 41.2870)

Have a look what the booklet for
YIQ(165.0250, 52.7190, 41.2870)
contains.

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Color

**YIQ(165.0250, 52.7190,
41.2870)**

Conversions

Conversions Part 1

Format	Color
Hex	F17CB1
RGB	241, 124, 177
RGB Percent	95%, 49%, 69%
CMY	0.0546, 0.5139, 0.3057
CMYK	0.00, 0.49, 0.27, 0.05
HSL	333°, 81%, 72%
HSV	333°, 49%, 95%
XYZ	51.4443, 36.2938, 45.9114
YIQ	165.0250, 52.7190, 41.2870

Conversions

Conversions Part 2

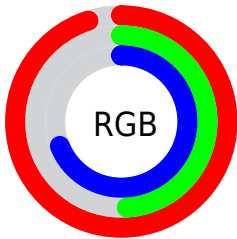
Format	Color
R _Y B	241, 124, 177
Decimal	15826097
CIE Lab	66.74, 50.82, -7.31
CIE LCh	67, 51.346, 351.812
Yxy	36.2938, 0.3849, 0.2716
Android (android.graphics.Color)	4294016177 (0xFFFF17CB1)
YUV	165.0250, 5.9037, 66.6301
Hunter-Lab	60.2443, 46.9986, -3.0131

Details

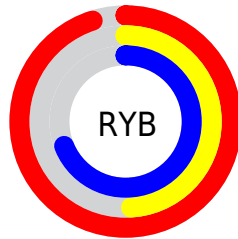
The YIQ color $165.0250, 52.7190, 41.2870$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $199.9750, -52.7190, -41.2870$, and the grayscale version is $165.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $207.8800, 27.9620, 32.9060$, and $109.6440, 49.4180, 40.5380$ is the 20% darker color. If you saturate the color by 10%, you get $149.4550, 63.4920, 49.7960$, and if you desaturate by 10%, it is $180.5950, 41.9460, 32.7780$.

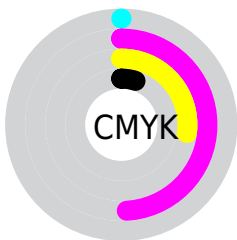
Distribution



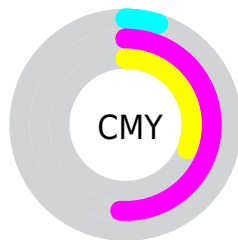
- Red (95%)
- Green (49%)
- Blue (69%)



- Red (95%)
- Yellow (49%)
- Blue (69%)



- Cyan (0%)
- Magenta (49%)
- Yellow (27%)
- Black (5%)





- Cyan (5%)
- Magenta (51%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.0250, 52.7190, 41.2870 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 165.0250, 52.7190, 41.2870 by changing the saturation by 10% instead.


 165.0250, 52.7190,
41.2870


 165.0250, 52.7190,
41.2870


255.0000, -0.0000,
-0.0000


 137.1280, 50.9310,
40.6510


 207.8800, 27.9620,
32.9060


 109.7580, 49.0970,
40.8490


 227.4110, 12.9250,
24.5810

 82.1000, 48.1340,
41.7820

 244.4340, 4.9500,
9.4140

 48.6860, 49.6000,
48.2560

 35.3440, 41.3950,
37.2590

 24.8770, 32.0440,
25.0040

 14.7370, 26.0860,

11.8300

■ 0.0000, 0.0000,
0.0000

■ 165.0250, 52.7190,
41.2870

■ 165.0250, 52.7190,
41.2870

■ 149.4550, 63.4920,
49.7960

■ 180.5950, 41.9460,
32.7780

■ 133.8850, 74.2650,
58.3050

■ 196.1650, 31.1730,
24.2690

■ 118.3150, 85.0380,
66.8140

■ 211.8490, 20.0790,
16.0710

■ 102.6310, 96.1320,
75.0120

■ 227.4190, 9.3060,
7.5620

■ 86.4740, 107.1800,
84.0440

■ 242.9890, -1.4670,
-0.9470

■ 84.4850, 108.6470,
84.9910

■ 250.8140, -8.3440,
-2.9680

Harmonies

Analogous

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



167.3920, 15.0770, 40.6530



165.0250, 52.7190, 41.2870



162.4610, 71.3820, 27.9420

Triad

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



165.0250, 52.7190, 41.2870



154.6420, 23.1140, -33.4460



132.9230, -124.8890, -21.8890

Complementary

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



165.0250, 52.7190, 41.2870



199.9750, -52.7190, -41.2870

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.



130.8250, -113.4700, -36.1100



165.0250, 52.7190, 41.2870



147.6010, -22.3670, -40.6950

Square

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



165.0250, 52.7190, 41.2870



158.5370, 54.7470, -17.5170



125.4670, -98.3830, -50.7270



130.4150, -125.8540, -9.9020

Rectangle

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



165.0250, 52.7190, 41.2870



161.5730, 73.4020, 13.3540



125.4670, -98.3830, -50.7270



132.8430, -121.9080, -26.3560

Sweetspot

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



165.0250, 52.7190, 41.2870



230.3000, 17.1910, 13.3430



155.8760, -0.6050, 49.5310



113.0170, 10.4980, 7.9860



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.



165.0250, 52.7190, 41.2870



158.8900, 66.7010, 52.2130



161.3310, 68.6320, 22.7120



112.1580, 5.5470, 4.0990



64.4780, 83.0210, 64.8210



19.5940, 25.3510, 19.6470

Inverse Universe

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



165.0250, 52.7190, 41.2870



158.8900, 66.7010, 52.2130



203.6690, -68.6320, -22.7120



112.1580, 5.5470, 4.0990



64.4780, 83.0210, 64.8210



19.5940, 25.3510, 19.6470

Previews

White Background



This preview shows how the YIQ color 165.0250, 52.7190, 41.2870 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 165.0250, 52.7190, 41.2870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

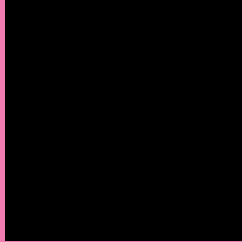
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.0250, 52.7190, 41.2870

Background



This preview shows how black text looks on a background with the YIQ color 165.0250, 52.7190, 41.2870.



This preview shows how white text looks on a background with the YIQ color 165.0250, 52.7190,

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

165.0250, 52.7190, 41.2870

Protanopia

163.1680, -17.6080, 10.7440

Deuteranopia

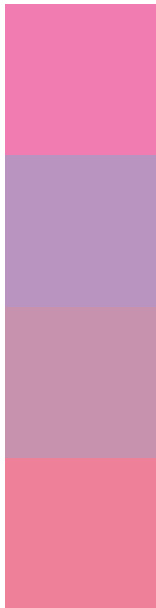
164.5650, 5.9590, 7.6470



Tritanopia

164.1330, 60.5620, 25.7940

Trichromacy



Original Color

165.0250, 52.7190, 41.2870

Protanomaly

164.0790, 7.9280, 21.5280

Deuteranomaly

164.9250, 22.9210, 19.6330

Tritanomaly

164.1530, 57.8100, 31.6180

Monochromacy



Original Color

165.0250, 52.7190, 41.2870

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.0230, 19.5290, 15.0250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.0250, 52.7190, 41.2870 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(241, 124, 177)` looks like.

```
.text, #text, p{  
    color:rgb(241, 124, 177)  
}
```

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(241, 124, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 124, 177) }
```

Border

The CSS property to change the border of an element to YIQ 165.0250, 52.7190, 41.2870 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(241, 124, 177) }
```


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

```
.border{ border-color:rgb(241, 124, 177) }
```

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

Here you see how a box with a 4 pixel rgb(241, 124, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 124, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 124, 177);  
box-shadow:4px 4px 4px 4px rgb(241, 124,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 165.0250, 52.7190, 41.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 124, 177) }
```

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

```
.background{ background-color: rgb(241,  
124, 177) }
```

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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