

Converting Colors

YIQ(170.8630, 44.9680, 55.1120)

Have a look what the booklet for
YIQ(170.8630, 44.9680, 55.1120)
contains.

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Color

**YIQ(170.8630, 44.9680,
55.1120)**

Conversions

Conversions Part 1

Format	Color
Hex	F87BD7
RGB	248, 123, 215
RGB Percent	97%, 48%, 84%
CMY	0.0271, 0.5178, 0.1568
CMYK	0.00, 0.50, 0.13, 0.03
HSL	316°, 90%, 73%
HSV	316°, 50%, 97%
XYZ	58.0892, 39.0336, 68.7810
YIQ	170.8630, 44.9680, 55.1120

Conversions

Conversions Part 2

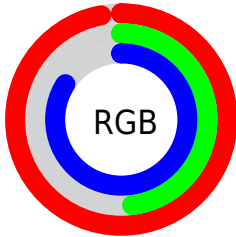
Format	Color
RYB	248, 123, 215
Decimal	16284631
CIELab	68.78, 58.90, -25.44
CIElCh	69, 64.163, 336.640
Yxy	39.0336, 0.3501, 0.2353
Android (android.graphics.Color)	4294474711 (0xFFFF87BD7)
YUV	170.8630, 21.7595, 67.6491
Hunter-Lab	62.4769, 56.6295, -21.5387

Details

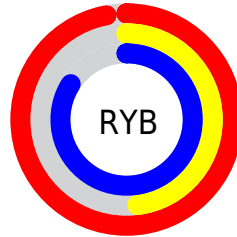
The YIQ color **170.8630, 44.9680, 55.1120** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **200.1370, -44.9680, -55.1120**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.3880, 20.9000, 39.7480**, and **114.0800, 42.8590, 54.7870** is the 20% darker color. If you saturate the color by 10%, you get **155.3900, 54.0900, 66.0100**, and if you desaturate by 10%, it is **186.3360, 35.8460, 44.2140**.

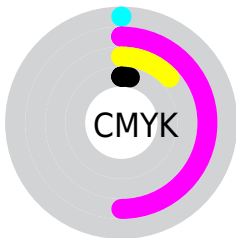
Distribution



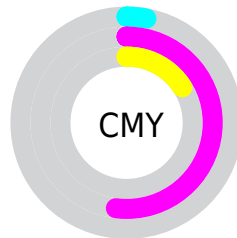
- Red (97%)
- Green (48%)
- Blue (84%)



- Red (97%)
- Yellow (48%)
- Blue (84%)



- Cyan (0%)
- Magenta (50%)
- Yellow (13%)
- Black (3%)





- Cyan (3%)
- Magenta (52%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 170.8630, 44.9680, 55.1120 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 170.8630, 44.9680, 55.1120 by changing the saturation by 10% instead.


 170.8630, 44.9680,
55.1120


 170.8630, 44.9680,
55.1120


255.0000, -0.0000,
-0.0000


 142.2650, 43.7760,
54.6880


 210.3880, 20.9000,
39.7480


 114.0800, 42.8590,
54.7870


 227.4110, 12.9250,
24.5810

 84.8350, 42.1710,
56.2430

 244.4340, 4.9500,
9.4140

 51.7800, 44.0040,
61.5720

 40.9710, 35.6160,
48.3840

 30.1620, 27.2280,
35.1960

 20.4780, 19.9860,

23.2660

■ 7.0920, 5.9130,
8.4810

■ 0.0000, 0.0000,
0.0000

■ 170.8630, 44.9680,
55.1120

■ 170.8630, 44.9680,
55.1120

■ 155.3900, 54.0900,
66.0100

■ 186.3360, 35.8460,
44.2140

■ 140.0310, 62.8910,
77.2190

■ 201.6950, 27.0450,
33.0050

■ 125.1450, 71.7380,
87.5940

■ 216.5810, 18.1980,
22.6300

■ 109.7860, 80.5390,
98.8030

■ 231.9400, 9.3970,
11.4210

■ 95.0140, 89.0650,
109.4890

■ 247.4130, 0.2750,
0.5230

■ 252.7930, -3.8510,
-1.7950

■ 252.9070, -4.1720,
-1.4840

Harmonies

Analogous

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



171.2720, -10.8280, 42.0680



170.8630, 44.9680, 55.1120



160.4740, 70.5080, 43.7880

Triad

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



170.8630, 44.9680, 55.1120



159.2630, 51.8620, -36.8260



140.7820, -129.1060, -28.0660

Complementary

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



170.8630, 44.9680, 55.1120



200.1370, -44.9680, -55.1120

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.



135.4580, -111.3590, -46.8390



170.8630, 44.9680, 55.1120



153.1350, 2.0720, -48.5840

Square

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



170.8630, 44.9680, 55.1120



163.3400, 80.4670, -10.0690



126.2700, -90.9990, -63.4070



138.2520, -133.0050, -17.9730

Rectangle

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



170.8630, 44.9680, 55.1120



159.6640, 81.0560, 28.8320



126.2700, -90.9990, -63.4070



139.3170, -123.6030, -34.1870

Sweetspot

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



170.8630, 44.9680, 55.1120



231.5540, 13.6600, 16.7640



146.5190, -21.6490, 45.4470



113.7010, 8.5720, 9.8520



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.



170.8630, 44.9680, 55.1120



158.7540, 56.0610, 68.8370



163.9090, 64.5490, 36.1410



117.0270, 4.5380, 5.8660



72.3570, 68.0250, 83.2970



23.3690, 21.9110, 26.9270

Inverse Universe

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



170.8630, 44.9680, 55.1120



158.7540, 56.0610, 68.8370



207.0910, -64.5490, -36.1410



117.0270, 4.5380, 5.8660



72.3570, 68.0250, 83.2970



23.3690, 21.9110, 26.9270

Previews

White Background



This preview shows how the YIQ color 170.8630, 44.9680, 55.1120 looks on a white background.

Color Contrast Check

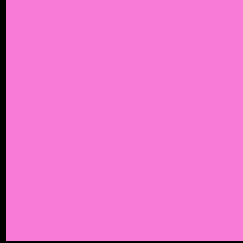
Large Text (above 18pt) WCAG AA × Fail

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 170.8630, 44.9680, 55.1120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

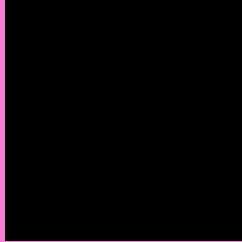
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.8630, 44.9680, 55.1120

Background



This preview shows how black text looks on a background with the YIQ color 170.8630, 44.9680, 55.1120.



This preview shows how white text looks on a background with the YIQ color 170.8630, 44.9680,

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

170.8630, 44.9680, 55.1120

Protanopia

167.7590, -40.9010, 19.8910

Deuteranopia

169.6030, -14.3990, 13.1610



Tritanopia

169.9370, 58.1780, 24.9460

Trichromacy



Original Color

170.8630, 44.9680, 55.1120



Protanomaly

168.6600, -9.4050, 32.7950



Deuteranomaly

170.4090, 7.2390, 28.5110



Tritanomaly

170.6350, 53.6370, 35.6610

Monochromacy



Original Color

170.8630, 44.9680, 55.1120



Achromatopsia

171.0000, -0.0000, -0.0000



Achromatomaly

171.2170, 16.2270, 19.8030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.8630, 44.9680, 55.1120 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(248, 123, 215)` looks like.

```
.text, #text, p{  
    color:rgb(248, 123, 215)  
}
```

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(248, 123, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 123, 215) }
```

Border

The CSS property to change the border of an element to YIQ 170.8630, 44.9680, 55.1120 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(248, 123, 215) }
```


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

```
.border{ border-color:rgb(248, 123, 215) }
```

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

Here you see how a box with a 4 pixel rgb(248, 123, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 123, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 123, 215);  
box-shadow:4px 4px 4px 4px rgb(248, 123,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 170.8630, 44.9680, 55.1120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 123, 215) }
```

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

```
.background{ background-color: rgb(248,  
123, 215) }
```

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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