

Converting Colors

YIQ(162.6620, 58.1750, 41.5270)

Have a look what the booklet for
YIQ(162.6620, 58.1750, 41.5270)
contains.

YIQ(162.6620, 58.1750, 41.5270)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(162.6620, 58.1750,
41.5270)**

Conversions

Conversions Part 1

Format	Color
Hex	F478A9
RGB	244, 120, 169
RGB Percent	96%, 47%, 66%
CMY	0.0428, 0.5296, 0.3371
CMYK	0.00, 0.51, 0.31, 0.04
HSL	336°, 85%, 71%
HSV	336°, 51%, 96%
XYZ	51.2133, 35.5348, 41.7200
YIQ	162.6620, 58.1750, 41.5270

Conversions

Conversions Part 2

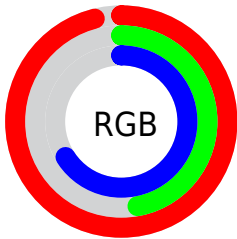
Format	Color
R_{YB}	244, 120, 169
Decimal	16021673
CIE _{Lab}	66.16, 52.72, -3.60
CIE _{LCh}	66, 52.839, 356.089
Yxy	35.5348, 0.3986, 0.2766
Android (android.graphics.Color)	4294211753 (0xFFFF478A9)
YUV	162.6620, 3.1246, 71.3334
Hunter-Lab	59.6111, 49.0343, 0.2325

Details

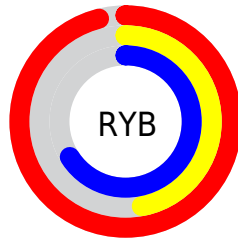
The YIQ color **162.6620, 58.1750, 41.5270** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **201.3380, -58.1750, -41.5270**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.5060, 31.9510, 32.1990**, and **106.8080, 54.8280, 41.6120** is the 20% darker color. If you saturate the color by 10%, you get **146.8640, 69.5900, 49.4140**, and if you desaturate by 10%, it is **178.4600, 46.7600, 33.6400**.

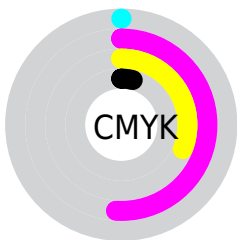
Distribution



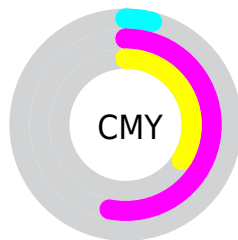
- Red (96%)
- Green (47%)
- Blue (66%)



- Red (96%)
- Yellow (47%)
- Blue (66%)



- Cyan (0%)
- Magenta (51%)
- Yellow (31%)
- Black (4%)





- Cyan (4%)
- Magenta (53%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 162.6620, 58.1750, 41.5270 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 162.6620, 58.1750, 41.5270 by changing the saturation by 10% instead.


 162.6620, 58.1750,
41.5270


 162.6620, 58.1750,
41.5270


255.0000, -0.0000,
-0.0000


 134.8790, 56.0660,
41.2020


 204.5060, 31.9510,
32.1990

 106.8080, 54.8280,
41.6120


 224.8350, 14.6670,
26.0510

 78.3780, 53.2230,
43.1670

 242.0860, 6.0500,
11.5060

 45.8390, 53.5430,
48.3830

 34.9590, 43.9170,
35.6050

 24.4920, 34.5660,
23.3500

 14.2810, 27.3700,

10.5860

■ 0.0000, 0.0000,
0.0000

■ 162.6620, 58.1750,
41.5270

■ 162.6620, 58.1750,
41.5270

■ 146.8640, 69.5900,
49.4140

■ 178.4600, 46.7600,
33.6400

■ 130.5930, 80.9590,
58.1350

■ 194.8450, 35.0700,
25.2300

■ 114.7950, 92.3740,
66.0220

■ 210.5290, 23.9760,
17.0320

■ 98.4100, 104.0640,
74.4320

■ 226.9140, 12.2860,
8.6220

■ 84.0140, 114.2870,
81.8950

■ 242.7120, 0.8710,
0.7350

251.7110, -6.5560,
-2.3320

Harmonies

Analogous

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



165.5670, 21.9540, 42.6740



162.6620, 58.1750, 41.5270



160.2610, 74.8210, 26.1890

Triad

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



162.6620, 58.1750, 41.5270



151.8370, 18.0710, -35.6650



132.3190, -125.9440, -19.2880

Complementary

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



162.6620, 58.1750, 41.5270



201.3380, -58.1750, -41.5270

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.



130.9220, -115.1210, -33.7210



162.6620, 58.1750, 41.5270



143.4580, -32.2700, -42.9420

Square

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



162.6620, 58.1750, 41.5270



156.3470, 52.2260, -21.3900



125.4500, -99.7130, -48.6490



138.1510, -107.1950, -1.1390

Rectangle

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



162.6620, 58.1750, 41.5270



159.6500, 74.5030, 9.9190



125.4500, -99.7130, -48.6490



132.2390, -122.9630, -23.7550

Sweetspot

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



162.6620, 58.1750, 41.5270



230.0720, 17.8330, 12.7210



156.2620, 4.3000, 54.2520



112.9030, 10.8190, 7.6750



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.



162.6620, 58.1750, 41.5270



152.7120, 73.0740, 52.3540



164.1200, 70.6040, 20.0120



114.1580, 5.5470, 4.0990



64.0500, 87.1020, 62.4460



20.2630, 27.7810, 19.6610

Inverse Universe

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



162.6620, 58.1750, 41.5270



152.7120, 73.0740, 52.3540



199.8800, -70.6040, -20.0120



114.1580, 5.5470, 4.0990



64.0500, 87.1020, 62.4460



20.2630, 27.7810, 19.6610

Previews

White Background



This preview shows how the YIQ color 162.6620, 58.1750, 41.5270 looks on a white background.

Color Contrast Check

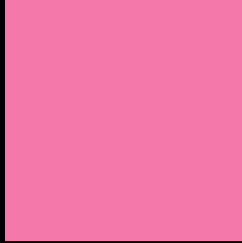
Large Text (above 18pt) WCAG AA × Fail

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 162.6620, 58.1750, 41.5270 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 162.6620, 58.1750, 41.5270

Background



This preview shows how black text looks on a background with the YIQ color 162.6620, 58.1750, 41.5270.



This preview shows how white text looks on a background with the YIQ color 162.6620, 58.1750,

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

162.6620, 58.1750, 41.5270

Protanopia

162.0820, -14.4900, 9.3020

Deuteranopia

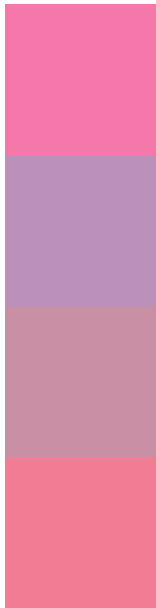
162.7780, 9.6730, 6.4170



Tritanopia

161.4110, 65.6510, 27.1790

Trichromacy



Original Color

162.6620, 58.1750, 41.5270

Protanomaly

162.1180, 12.1920, 21.3440

Deuteranomaly

162.8500, 27.5060, 19.1380

Tritanomaly

161.9040, 62.9450, 32.1690

Monochromacy



Original Color

162.6620, 58.1750, 41.5270

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

162.5070, 21.0420, 15.1380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.6620, 58.1750, 41.5270 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(244, 120, 169)` looks like.

```
.text, #text, p{  
    color:rgb(244, 120, 169)  
}
```

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(244, 120, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 120, 169) }
```

Border

The CSS property to change the border of an element to YIQ 162.6620, 58.1750, 41.5270 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(244, 120, 169) }
```


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

```
.border{ border-color:rgb(244, 120, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 120, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 120, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 120, 169);  
box-shadow:4px 4px 4px 4px rgb(244, 120,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 162.6620, 58.1750, 41.5270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 120, 169) }
```

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

```
.background{ background-color: rgb(244,  
120, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor