

Converting Colors

YIQ(163.1070, 55.4240, 41.8240)

Have a look what the booklet for
YIQ(163.1070, 55.4240, 41.8240)
contains.

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Color

**YIQ(163.1070, 55.4240,
41.8240)**

Conversions

Conversions Part 1

Format	Color
Hex	F279AD
RGB	242, 121, 173
RGB Percent	95%, 47%, 68%
CMY	0.0507, 0.5257, 0.3214
CMYK	0.00, 0.50, 0.29, 0.05
HSL	334°, 82%, 71%
HSV	334°, 50%, 95%
XYZ	51.0245, 35.5730, 43.7354
YIQ	163.1070, 55.4240, 41.8240

Conversions

Conversions Part 2

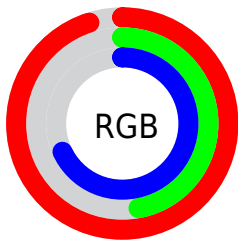
Format	Color
R _Y B	242, 121, 173
Decimal	15890861
CIE Lab	66.19, 52.09, -5.86
CIE LCh	66, 52.416, 353.586
Yxy	35.5730, 0.3915, 0.2729
Android (android.graphics.Color)	4294080941 (0xFFFF279AD)
YUV	163.1070, 4.8772, 69.1892
Hunter-Lab	59.6431, 48.3306, -1.7263

Details

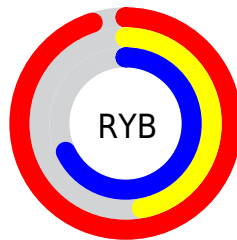
The YIQ color **163.1070, 55.4240, 41.8240** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **199.8930, -55.4240, -41.8240**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.5490, 30.3920, 32.9200**, and **107.8400, 51.8020, 41.3860** is the 20% darker color. If you saturate the color by 10%, you get **147.4230, 66.5180, 50.0220**, and if you desaturate by 10%, it is **178.7910, 44.3300, 33.6260**.

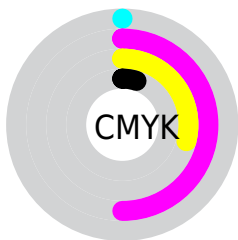
Distribution



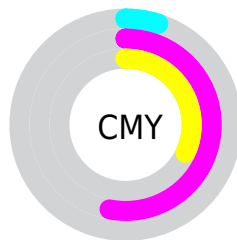
- Red (95%)
- Green (47%)
- Blue (68%)



- Red (95%)
- Yellow (47%)
- Blue (68%)



- Cyan (0%)
- Magenta (50%)
- Yellow (29%)
- Black (5%)





- Cyan (5%)
- Magenta (53%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 163.1070, 55.4240, 41.8240 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 163.1070, 55.4240, 41.8240 by changing the saturation by 10% instead.

 163.1070, 55.4240,
41.8240


 163.1070, 55.4240,
41.8240


255.0000, -0.0000,
-0.0000

 135.2100, 53.6360,
41.1880


 205.5490, 30.3920,
32.9200


 107.8400, 51.8020,
41.3860


 225.6500, 13.7500,
26.1500

 79.2960, 50.5180,
42.6300

 242.6730, 5.7750,
10.9830

 45.8820, 51.9840,
49.1040

 35.0020, 42.3580,
36.3260

 24.5350, 33.0070,
24.0710

 14.2810, 27.3700,

10.5860

■ 0.0000, 0.0000,
0.0000

■ 163.1070, 55.4240,
41.8240

■ 163.1070, 55.4240,
41.8240

■ 147.4230, 66.5180,
50.0220

■ 178.7910, 44.3300,
33.6260

■ 131.7390, 77.6120,
58.2200

■ 194.4750, 33.2360,
25.4280

■ 115.5820, 88.6600,
67.2520

■ 210.6320, 22.1880,
16.3960

■ 99.8980, 99.7540,
75.4500

■ 226.3160, 11.0940,
8.1980

■ 84.2140, 110.8480,
83.6480

■ 242.0000, -0.0000,
0.0000

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.



165.8870, 18.0570, 41.7130



163.1070, 55.4240, 41.8240



160.7170, 73.5370, 27.4330

Triad

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



163.1070, 55.4240, 41.8240



152.3320, 21.0510, -34.6050



132.5640, -125.2560, -20.7440

Complementary

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



163.1070, 55.4240, 41.8240



199.8930, -55.4240, -41.8240

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.



130.4660, -113.8370, -34.9650



163.1070, 55.4240, 41.8240



144.6220, -26.8600, -41.8680

Square

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



163.1070, 55.4240, 41.8240



157.1840, 54.2430, -19.3970



124.9940, -98.4290, -49.8930



129.6540, -125.0290, -8.3330

Rectangle

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



163.1070, 55.4240, 41.8240



160.1170, 74.6860, 12.1100



124.9940, -98.4290, -49.8930



132.4840, -122.2750, -25.2110

Sweetspot

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



163.1070, 55.4240, 41.8240



230.1860, 17.5120, 13.0320



155.4250, 2.2830, 52.2590



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.



163.1070, 55.4240, 41.8240



155.2710, 70.0020, 52.9620



161.8750, 69.9160, 21.4680



112.1580, 5.5470, 4.0990



64.0220, 84.3050, 63.5770



19.4800, 25.6720, 19.3360

Inverse Universe

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



163.1070, 55.4240, 41.8240



155.2710, 70.0020, 52.9620



201.1250, -69.9160, -21.4680



112.1580, 5.5470, 4.0990



64.0220, 84.3050, 63.5770



19.4800, 25.6720, 19.3360

Previews

White Background



This preview shows how the YIQ color 163.1070, 55.4240, 41.8240 looks on a white background.

Color Contrast Check

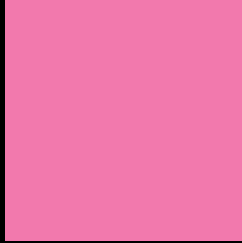
Large Text (above 18pt) WCAG AA × Fail

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 163.1070, 55.4240, 41.8240 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 163.1070, 55.4240, 41.8240

Background



This preview shows how black text looks on a background with the YIQ color 163.1070, 55.4240, 41.8240.



This preview shows how white text looks on a background with the YIQ color 163.1070, 55.4240,

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

163.1070, 55.4240, 41.8240

Protanopia

162.2390, -16.3700, 10.3340

Deuteranopia

162.6360, 7.1970, 7.2370



Tritanopia

162.2150, 63.2670, 26.3310

Trichromacy



Original Color

163.1070, 55.4240, 41.8240

Protanomaly

162.5630, 9.4410, 21.6410

Deuteranomaly

162.7080, 25.0300, 19.9580

Tritanomaly

162.2350, 60.5150, 32.1550

Monochromacy



Original Color

163.1070, 55.4240, 41.8240

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

163.3220, 20.1250, 15.2370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.1070, 55.4240, 41.8240 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, 121, 173)` looks like.

```
.text, #text, p{  
    color:rgb(242, 121, 173)  
}
```

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, 121, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 121, 173) }
```

Border

The CSS property to change the border of an element to YIQ 163.1070, 55.4240, 41.8240 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, 121, 173) }
```


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

```
.border{ border-color:rgb(242, 121, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 121, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 121, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 121, 173);  
box-shadow:4px 4px 4px 4px rgb(242, 121,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 163.1070, 55.4240, 41.8240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 121, 173) }
```

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

```
.background{ background-color: rgb(242,  
121, 173) }
```

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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