

Converting Colors

YIQ(163.0500, 68.7660, 42.3180)

Have a look what the booklet for
YIQ(163.0500, 68.7660, 42.3180)
contains.

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Color

**YIQ(163.0500, 68.7660,
42.3180)**

Conversions

Conversions Part 1

Format	Color
Hex	FF759F
RGB	255, 117, 159
RGB Percent	100%, 46%, 62%
CMY	0.0000, 0.5414, 0.3762
CMYK	0.00, 0.54, 0.38, 0.00
HSL	342°, 100%, 73%
HSV	342°, 54%, 100%
XYZ	53.8579, 36.4744, 37.0304
YIQ	163.0500, 68.7660, 42.3180

Conversions

Conversions Part 2

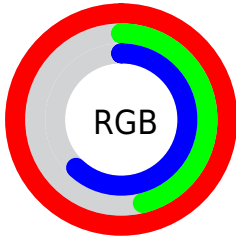
Format	Color
R _Y B	255, 117, 159
Decimal	16741791
CIE Lab	66.88, 56.51, 3.29
CIE LCh	67, 56.603, 3.337
Yxy	36.4744, 0.4229, 0.2864
Android (android.graphics.Color)	4294931871 (0xFFFF759F)
YUV	163.0500, -1.9966, 80.6402
Hunter-Lab	60.3941, 53.4921, 5.9224

Details

The YIQ color **163.0500, 68.7660, 42.3180** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **208.9500, -68.7660, -42.3180**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **202.1920, 35.7110, 30.1350**, and **106.1250, 64.1810, 42.8130** is the 20% darker color. If you saturate the color by 10%, you get **145.7360, 81.6940, 50.3180**, and if you desaturate by 10%, it is **179.7770, 56.1130, 34.8410**.

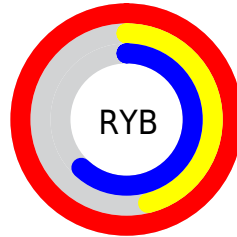
Distribution



Red (100%)

Green (46%)

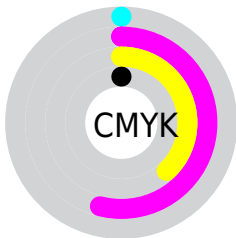
Blue (62%)



Red (100%)

Yellow (46%)

Blue (62%)

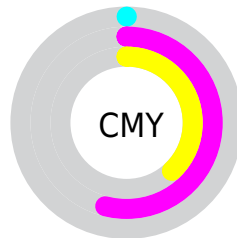


Cyan (0%)

Magenta (54%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 163.0500, 68.7660, 42.3180 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 163.0500, 68.7660, 42.3180 by changing the saturation by 10% instead.


 163.0500, 68.7660,
42.3180


 163.0500, 68.7660,
42.3180


255.0000, -0.0000,
-0.0000


 134.3810, 66.3360,
42.3040


 202.1920, 35.7110,
30.1350


 106.1250, 64.1810,
42.8130


 222.4070, 18.7480,
23.6760

 75.9340, 63.4010,
45.9370

 240.9120, 6.6000,
12.5520

 47.6180, 61.4750,
47.8030

 36.4390, 51.2530,
34.8130

 25.7870, 40.9850,
22.6570

 15.7760, 30.3500,

11.6460

■ 0.0000, 0.0000,
0.0000

■ 163.0500, 68.7660,
42.3180

■ 163.0500, 68.7660,
42.3180

■ 145.7360, 81.6940,
50.3180

■ 179.7770, 56.1130,
34.8410

■ 129.1230, 94.0260,
58.1060

■ 197.0910, 43.1850,
26.8410

■ 111.8090,
106.9540, 66.1060

■ 213.7040, 30.8530,
19.0530

■ 95.0820, 119.6070,
73.5830

■ 231.0180, 17.9250,
11.0530

■ 85.1370, 126.9420,
78.3180

■ 247.7450, 5.2720,
3.5760

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



166.8460, 34.4700, 47.1260



163.0500, 68.7660, 42.3180



161.2630, 80.5070, 22.2590

Triad

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



163.0500, 68.7660, 42.3180



151.4010, 7.4350, -41.1490



134.5020, -130.7130, -15.4570

Complementary

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



163.0500, 68.7660, 42.3180



208.9500, -68.7660, -42.3180

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.



134.5070, -121.0820, -30.3140



163.0500, 68.7660, 42.3180



137.8620, -54.1390, -48.5950

Square

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



163.0500, 68.7660, 42.3180



156.8640, 48.9720, -28.5000



129.3940, -105.3070, -46.3870



146.5450, -87.5730, 6.6910

Rectangle

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



163.0500, 68.7660, 42.3180



160.6300, 77.2550, 4.0950



129.3940, -105.3070, -46.3870



135.2370, -128.6490, -19.8250

Sweetspot

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



163.0500, 68.7660, 42.3180



227.7410, 20.2630, 12.7350



160.8380, 11.7260, 62.8460



111.3870, 12.3320, 7.7880



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.



163.0500, 68.7660, 42.3180



144.4480, 82.5650, 51.0530



172.9370, 75.3730, 16.1810



119.3430, 6.4640, 4.0000



63.7210, 95.2180, 58.5300



21.3020, 32.0450, 19.4770

Inverse Universe

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



163.0500, 68.7660, 42.3180



144.4480, 82.5650, 51.0530



199.0630, -75.3730, -16.1810



119.3430, 6.4640, 4.0000



63.7210, 95.2180, 58.5300



21.3020, 32.0450, 19.4770

Previews

White Background



This preview shows how the YIQ color 163.0500, 68.7660, 42.3180 looks on a white background.

Color Contrast Check

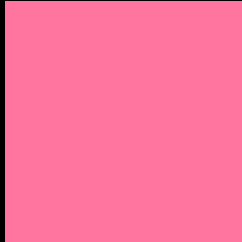
Large Text (above 18pt) WCAG AA × Fail

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 163.0500, 68.7660, 42.3180 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 163.0500, 68.7660, 42.3180

Background



This preview shows how black text looks on a background with the YIQ color 163.0500, 68.7660, 42.3180.



This preview shows how white text looks on a background with the YIQ color 163.0500, 68.7660,

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

163.0500, 68.7660, 42.3180

Protanopia

163.8390, -9.4920, 6.8280

Deuteranopia

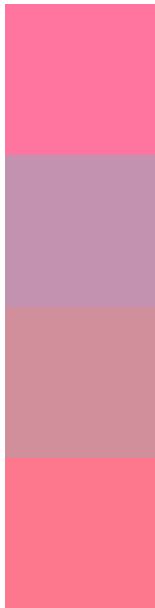
164.3180, 16.7800, 4.2680



Tritanopia

162.1950, 75.1870, 30.5710

Trichromacy



Original Color

163.0500, 68.7660, 42.3180

Protanomaly

163.7720, 18.9780, 19.5060

Deuteranomaly

163.5150, 35.7590, 18.2470

Tritanomaly

162.4600, 73.1230, 34.9390

Monochromacy



Original Color

163.0500, 68.7660, 42.3180

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

162.7740, 24.6640, 15.5760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.0500, 68.7660, 42.3180 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(255, 117, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 159)  
}
```

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(255, 117, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 159) }
```

Border

The CSS property to change the border of an element to YIQ 163.0500, 68.7660, 42.3180 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(255, 117, 159) }
```


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

```
.border{ border-color:rgb(255, 117, 159) }
```

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

Here you see how a box with a 4 pixel rgb(255, 117, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 163.0500, 68.7660, 42.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 159) }
```

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

```
.background{ background-color: rgb(255,  
117, 159) }
```

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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