

Converting Colors

YIQ(147.6110, 80.5480, 49.0600)

Have a look what the booklet for
YIQ(147.6110, 80.5480, 49.0600)
contains.

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Color

**YIQ(147.6110, 80.5480,
49.0600)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5E8E
RGB	255, 94, 142
RGB Percent	100%, 37%, 56%
CMY	0.0000, 0.6316, 0.4429
CMYK	0.00, 0.63, 0.44, 0.00
HSL	342°, 100%, 68%
HSV	342°, 63%, 100%
XYZ	50.1246, 31.2086, 29.0015
YIQ	147.6110, 80.5480, 49.0600

Conversions

Conversions Part 2

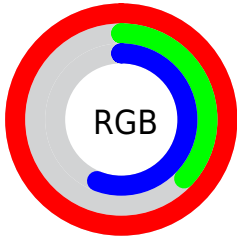
Format	Color
R _Y B	255, 94, 142
Decimal	16735886
CIE Lab	62.68, 64.81, 6.98
CIE LCh	63, 65.185, 6.146
Yxy	31.2086, 0.4543, 0.2829
Android (android.graphics.Color)	4294925966 (0xFFFF5E8E)
YUV	147.6110, -2.7662, 94.1802
Hunter-Lab	55.8646, 62.3963, 8.3254

Details

The YIQ color **147.6110, 80.5480, 49.0600** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **201.3890, -80.5480, -49.0600**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **187.6990, 47.5850, 35.2090**, and **84.6310, 77.7960, 54.8840** is the 20% darker color. If you saturate the color by 10%, you get **130.2970, 93.4760, 57.0600**, and if you desaturate by 10%, it is **164.3380, 67.8950, 41.5830**.

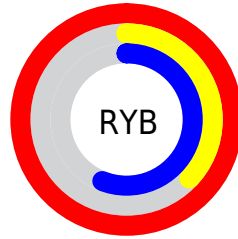
Distribution



Red (100%)

Green (37%)

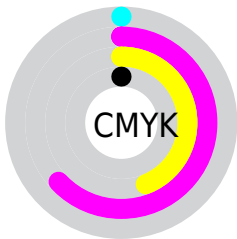
Blue (56%)



Red (100%)

Yellow (37%)

Blue (56%)

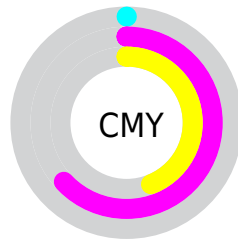


Cyan (0%)

Magenta (63%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 147.6110, 80.5480, 49.0600 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 147.6110, 80.5480, 49.0600 by changing the saturation by 10% instead.


 147.6110, 80.5480,
49.0600


 147.6110, 80.5480,
49.0600


255.0000, -0.0000,
-0.0000


 117.8820, 78.3470,
50.4030


 187.8130, 47.2640,
35.5200


 84.0440, 78.0710,
55.4070


 207.3270, 30.8970,
29.2730


 56.6030, 74.9990,
56.0150

 228.2430, 13.3380,
22.6020

 45.1250, 64.1810,
42.8130

 245.6080, 4.4000,
8.3680

 33.8750, 52.7210,
30.2330

 22.6530, 44.0580,
16.5220

 13.5690, 26.4990,

9.8510

■ 0.0000, 0.0000,
0.0000

■ 147.6110, 80.5480,
49.0600

■ 147.6110, 80.5480,
49.0600

■ 130.2970, 93.4760,
57.0600

■ 164.3380, 67.8950,
41.5830

■ 113.5700,
106.1290, 64.5370

■ 181.6520, 54.9670,
33.5830

■ 96.2560, 119.0570,
72.5370

■ 198.3790, 42.3140,
26.1060

■ 84.9090, 127.5840,
77.6960

■ 215.6930, 29.3860,
18.1060

■ 232.3060, 17.0540,
10.3180

249.6200, 4.1260,
2.3180

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.



153.2050, 44.0050, 56.0450



147.6110, 80.5480, 49.0600



146.7650, 90.7770, 23.3610

Triad

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



147.6110, 80.5480, 49.0600



135.9070, 2.7140, -49.2060



128.8600, -128.6050, -9.6050

Complementary

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



147.6110, 80.5480, 49.0600



201.3890, -80.5480, -49.0600

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.



128.8650, -118.9740, -24.4620



147.6110, 80.5480, 49.0600



114.9400, -81.1420, -60.3260

Square

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



147.6110, 80.5480, 49.0600



141.4820, 55.4390, -41.0810



123.5410, -101.2270, -43.2350



119.4680, -124.2050, -1.2370

Rectangle

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



147.6110, 80.5480, 49.0600



147.1270, 85.9210, 1.2250



123.5410, -101.2270, -43.2350



129.7090, -126.8620, -13.6620

Sweetspot

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



147.6110, 80.5480, 49.0600



222.9480, 24.1140, 14.5300



146.1410, 15.6670, 74.0270



107.9960, 14.9910, 9.1590



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.



147.6110, 80.5480, 49.0600



125.6180, 97.0060, 59.1660



160.9230, 87.1560, 17.3960



119.3430, 6.4640, 4.0000



63.6070, 95.5390, 58.2190



21.3020, 32.0450, 19.4770

Inverse Universe

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



147.6110, 80.5480, 49.0600



125.6180, 97.0060, 59.1660



188.0770, -87.1560, -17.3960



119.3430, 6.4640, 4.0000



63.6070, 95.5390, 58.2190



21.3020, 32.0450, 19.4770

Previews

White Background



This preview shows how the YIQ color 147.6110, 80.5480, 49.0600 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 147.6110, 80.5480, 49.0600 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 147.6110, 80.5480, 49.0600

Background



This preview shows how black text looks on a background with the YIQ color 147.6110, 80.5480, 49.0600.



This preview shows how white text looks on a background with the YIQ color 147.6110, 80.5480,

49.0600.

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

147.6110, 80.5480, 49.0600

Protanopia

152.8390, -9.4920, 6.8280

Deuteranopia

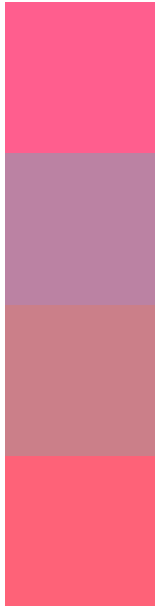
152.7050, 19.9440, 1.9920



Tritanopia

147.1320, 88.6660, 34.0900

Trichromacy



Original Color

147.6110, 80.5480, 49.0600

Protanomaly

150.8050, 23.3790, 22.3470

Deuteranomaly

150.8640, 42.0860, 19.2220

Tritanomaly

147.1520, 85.9140, 39.9140

Monochromacy



Original Color

147.6110, 80.5480, 49.0600

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

147.6930, 29.3860, 18.1060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.6110, 80.5480, 49.0600 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, 94, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 142)  
}
```

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, 94, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 142) }
```

Border

The CSS property to change the border of an element to YIQ 147.6110, 80.5480, 49.0600 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, 94, 142) }
```


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

```
.border{ border-color:rgb(255, 94, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 94, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 94, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 94, 142); box-shadow:4px 4px 4px 4px rgb(255, 94, 142) }
```

Background

The CSS property to change the background color of an element to YIQ 147.6110, 80.5480, 49.0600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 142) }
```

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

```
.background{ background-color: rgb(255, 94,  
142) }
```

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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