

Converting Colors

YIQ(148.8360, 83.9880, 41.7800)

Have a look what the booklet for
YIQ(148.8360, 83.9880, 41.7800)
contains.

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Color

**YIQ(148.8360, 83.9880,
41.7800)**

Conversions

Conversions Part 1

Format	Color
Hex	FF637F
RGB	255, 99, 127
RGB Percent	100%, 39%, 50%
CMY	0.0000, 0.6120, 0.5016
CMYK	0.00, 0.61, 0.50, 0.00
HSL	349°, 100%, 69%
HSV	349°, 61%, 100%
XYZ	49.5316, 31.7057, 23.6150
YIQ	148.8360, 83.9880, 41.7800

Conversions

Conversions Part 2

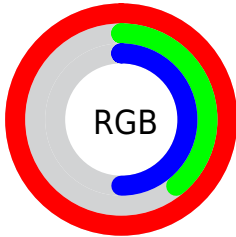
Format	Color
R_{YB}	255, 99, 127
Decimal	16737151
CIE _{Lab}	63.10, 61.42, 16.21
CIE _{LCh}	63, 63.524, 14.788
Yxy	31.7057, 0.4724, 0.3024
Android (android.graphics.Color)	4294927231 (0xFFFF637F)
YUV	148.8360, -10.7651, 93.1058
Hunter-Lab	56.3078, 58.4804, 14.5497

Details

The YIQ color **148.8360, 83.9880, 41.7800** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **205.1640, -83.9880, -41.7800**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **188.3370, 51.3000, 28.4520**, and **88.3180, 79.8150, 45.8230** is the 20% darker color. If you saturate the color by 10%, you get **131.1800, 97.8790, 48.8470**, and if you desaturate by 10%, it is **165.9050, 70.3720, 35.2360**.

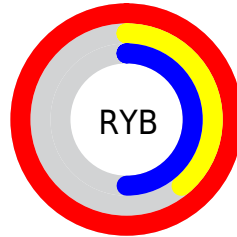
Distribution



Red (100%)

Green (39%)

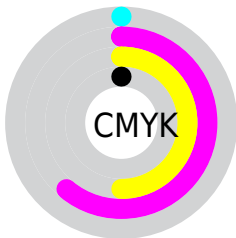
Blue (50%)



Red (100%)

Yellow (39%)

Blue (50%)

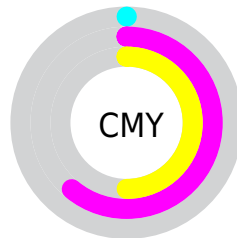


Cyan (0%)

Magenta (61%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (61%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 148.8360, 83.9880, 41.7800 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 148.8360, 83.9880, 41.7800 by changing the saturation by 10% instead.


 148.8360, 83.9880,
41.7800


 148.8360, 83.9880,
41.7800


255.0000, -0.0000,
-0.0000


 119.6940, 81.5120,
42.6000


 188.3370, 51.3000,
28.4520


 88.3180, 79.8150,
45.8230


 207.8510, 34.9330,
22.2050


 54.8220, 78.5760,
51.7600

 228.6530, 17.6950,
15.2230

 43.4580, 67.4370,
38.8690

 247.9560, 3.3000,
6.2760

 32.0940, 56.2980,
25.9780

 22.3540, 43.4620,
16.3100

 13.2700, 25.9030,

9.6390

■ 0.0000, 0.0000,
0.0000

■ 148.8360, 83.9880,
41.7800

■ 148.8360, 83.9880,
41.7800

■ 131.1800, 97.8790,
48.8470

■ 165.9050, 70.3720,
35.2360

■ 114.1110,
111.4950, 55.3910

■ 183.5610, 56.4810,
28.1690

■ 96.4550, 125.3860,
62.4580

■ 200.6300, 42.8650,
21.6250

■ 81.4890, 137.2140,
68.3660

■ 218.2860, 28.9740,
14.5580

■ 235.3550, 15.3580,
8.0140

252.8970, 1.7880,
0.6360

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.



153.1970, 55.6510, 54.2350



148.8360, 83.9880, 41.7800



148.7010, 87.6610, 13.7490

Triad

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



148.8360, 83.9880, 41.7800



134.9250, -14.8920, -49.5160



127.0990, -127.7800, -8.0360

Complementary

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



148.8360, 83.9880, 41.7800



205.1640, -83.9880, -41.7800

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.



130.2330, -122.8260, -20.7300



148.8360, 83.9880, 41.7800



118.2800, -87.7910, -55.4630

Square

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



148.8360, 83.9880, 41.7800



142.6420, 40.3090, -42.2110



126.1800, -107.2800, -38.1600



144.9270, -67.6770, 20.5710

Rectangle

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



148.8360, 83.9880, 41.7800



148.2090, 79.4580, -8.3020



126.1800, -107.2800, -38.1600



129.4470, -128.8800, -10.1280

Sweetspot

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



148.8360, 83.9880, 41.7800



223.6660, 24.8480, 12.2400



154.7570, 25.6160, 75.4400



108.3550, 15.3580, 8.0140



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.



148.8360, 83.9880, 41.7800



128.3760, 100.2630, 49.6950



174.4070, 79.5010, 7.4450



119.1150, 7.1060, 3.3780



60.9850, 102.9220, 51.0660



20.3900, 34.6130, 16.9890

Inverse Universe

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



148.8360, 83.9880, 41.7800



128.3760, 100.2630, 49.6950



179.5930, -79.5010, -7.4450



119.1150, 7.1060, 3.3780



60.9850, 102.9220, 51.0660



20.3900, 34.6130, 16.9890

Previews

White Background



This preview shows how the YIQ color 148.8360, 83.9880, 41.7800 looks on a white background.

Color Contrast Check

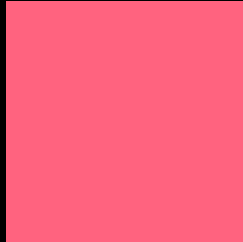
Large Text (above 18pt) WCAG AA × Fail

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 148.8360, 83.9880, 41.7800 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 148.8360, 83.9880, 41.7800

Background



This preview shows how black text looks on a background with the YIQ color 148.8360, 83.9880, 41.7800.



This preview shows how white text looks on a background with the YIQ color 148.8360, 83.9880,

41.7800.

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

148.8360, 83.9880, 41.7800

Protanopia

153.2390, 0.8250, 1.5690

Deuteranopia

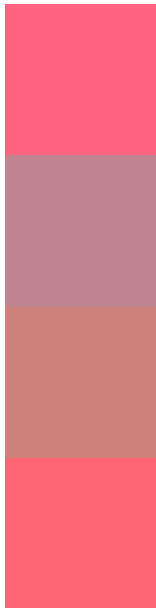
153.4900, 27.7390, -1.6130



Tritanopia

148.2460, 88.3450, 34.4010

Trichromacy



Original Color

148.8360, 83.9880, 41.7800

Protanomaly

151.7100, 30.7160, 16.0280

Deuteranomaly

152.2250, 48.1390, 14.1470

Tritanomaly

148.4570, 86.3730, 37.1010

Monochromacy



Original Color

148.8360, 83.9880, 41.7800

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.1830, 30.7620, 15.1940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.8360, 83.9880, 41.7800 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, 99, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 99, 127)  
}
```

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, 99, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 99, 127) }
```

Border

The CSS property to change the border of an element to YIQ 148.8360, 83.9880, 41.7800 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, 99, 127) }
```


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

```
.border{ border-color:rgb(255, 99, 127) }
```

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

Here you see how a box with a 4 pixel rgb(255, 99, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 99, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 99, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 99,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 148.8360, 83.9880, 41.7800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 99, 127) }
```

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

```
.background{ background-color: rgb(255, 99,  
127) }
```

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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