

Converting Colors

YIQ(156.4500, 79.0830, 37.0590)

Have a look what the booklet for
YIQ(156.4500, 79.0830, 37.0590)
contains.

YIQ(156.4500, 79.0830, 37.0590)	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(156.4500, 79.0830,
37.0590)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6F84
RGB	255, 111, 132
RGB Percent	100%, 44%, 52%
CMY	0.0000, 0.5649, 0.4821
CMYK	0.00, 0.56, 0.48, 0.00
HSL	351°, 100%, 72%
HSV	351°, 56%, 100%
XYZ	51.0879, 34.2837, 25.7818
YIQ	156.4500, 79.0830, 37.0590

Conversions

Conversions Part 2

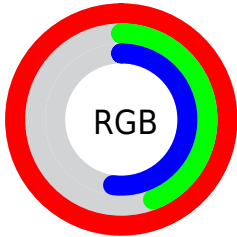
Format	Color
R _Y B	255, 111, 132
Decimal	16740228
CIE Lab	65.19, 56.59, 16.25
CIE LCh	65, 58.875, 16.018
Yxy	34.2837, 0.4596, 0.3084
Android (android.graphics.Color)	4294930308 (0xFFFF6F84)
YUV	156.4500, -12.0538, 86.4284
Hunter-Lab	58.5523, 53.2779, 14.8800

Details

The YIQ color **156.4500, 79.0830, 37.0590** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **209.5500, -79.0830, -37.0590**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.3640, 46.6700, 24.2540**, and **98.8670, 73.5350, 38.4870** is the 20% darker color. If you saturate the color by 10%, you get **138.6800, 93.2950, 43.8150**, and if you desaturate by 10%, it is **173.6330, 65.1460, 30.8260**.

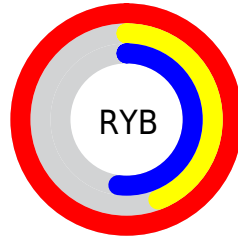
Distribution



Red (100%)

Green (44%)

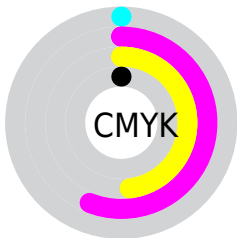
Blue (52%)



Red (100%)

Yellow (44%)

Blue (52%)

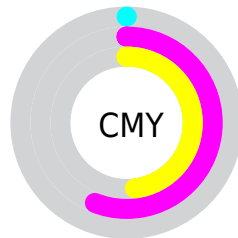


Cyan (0%)

Magenta (56%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (56%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 156.4500, 79.0830, 37.0590 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 156.4500, 79.0830, 37.0590 by changing the saturation by 10% instead.


 156.4500, 79.0830,
37.0590


 156.4500, 79.0830,
37.0590


255.0000, -0.0000,
-0.0000


 127.8950, 76.3320,
37.3560


 195.3640, 46.6700,
24.2540

 98.8670, 73.5350,
38.4870


 215.5790, 29.7070,
17.7950


 66.7300, 72.6630,
43.2790

 235.7940, 12.7440,
11.3360

 44.2130, 66.7490,
40.3250

254.4130, 0.2750,
0.5230

 33.2620, 55.8850,
27.9570

 22.5390, 44.3790,
16.2110

 14.2810, 27.3700,

10.5860

■ 0.0000, 0.0000,
0.0000

■ 156.4500, 79.0830,
37.0590

■ 156.4500, 79.0830,
37.0590

■ 138.6800, 93.2950,
43.8150

■ 173.6330, 65.1460,
30.8260

■ 121.6110,
106.9110, 50.3590

■ 191.4030, 50.9340,
24.0700

■ 103.8410,
121.1230, 57.1150

■ 208.4720, 37.3180,
17.5260

■ 86.6580, 135.0600,
63.3480

■ 226.2420, 23.1060,
10.7700

■ 80.4630, 140.1030,
65.5670

■ 243.4250, 9.1690,
4.5370

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.



160.3660, 53.4970, 49.2170



156.4500, 79.0830, 37.0590



155.5970, 82.0220, 11.3180

Triad

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



156.4500, 79.0830, 37.0590



142.1470, -15.3970, -45.8690



129.4470, -128.8800, -10.1280

Complementary

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



156.4500, 79.0830, 37.0590



209.5500, -79.0830, -37.0590

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.



132.8090, -124.5680, -22.2000



156.4500, 79.0830, 37.0590



121.7680, -92.1010, -54.4450

Square

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



156.4500, 79.0830, 37.0590



149.5800, 34.8520, -36.9240



129.2120, -110.3060, -38.3860



153.5540, -56.2610, 22.9310

Rectangle

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



156.4500, 79.0830, 37.0590



154.6860, 73.6810, -8.2310



129.2120, -110.3060, -38.3860



131.6810, -129.6590, -12.5310

Sweetspot

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



156.4500, 79.0830, 37.0590



225.5410, 23.7020, 10.9820



163.8940, 26.4880, 70.6480



110.2300, 14.2120, 6.7560



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.



156.4500, 79.0830, 37.0590



136.5770, 95.0830, 44.4510



183.4060, 72.0740, 4.3780



119.1150, 7.1060, 3.3780



60.3010, 104.8480, 49.2000



20.1620, 35.2550, 16.3670

Inverse Universe

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



156.4500, 79.0830, 37.0590



136.5770, 95.0830, 44.4510



182.5940, -72.0740, -4.3780



119.1150, 7.1060, 3.3780



60.3010, 104.8480, 49.2000



20.1620, 35.2550, 16.3670

Previews

White Background



This preview shows how the YIQ color 156.4500, 79.0830, 37.0590 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 156.4500, 79.0830, 37.0590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

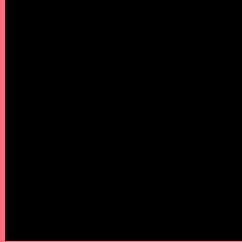
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 156.4500, 79.0830, 37.0590

Background



This preview shows how black text looks on a background with the YIQ color 156.4500, 79.0830, 37.0590.



This preview shows how white text looks on a background with the YIQ color 156.4500, 79.0830,

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

156.4500, 79.0830, 37.0590

Protanopia

158.9680, 3.0260, 0.2260

Deuteranopia

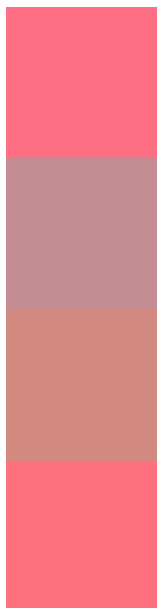
158.7890, 28.3350, -1.4010



Tritanopia

156.0710, 81.4680, 32.3800

Trichromacy



Original Color

156.4500, 79.0830, 37.0590

Protanomaly

158.1290, 30.8540, 13.5260

Deuteranomaly

157.8010, 46.3970, 12.6770

Tritanomaly

155.9400, 80.4590, 34.1470

Monochromacy



Original Color

156.4500, 79.0830, 37.0590

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

156.3460, 28.7450, 13.2010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.4500, 79.0830, 37.0590 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, 111, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 111, 132)  
}
```

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, 111, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 111, 132) }
```

Border

The CSS property to change the border of an element to YIQ 156.4500, 79.0830, 37.0590 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, 111, 132) }
```


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

```
.border{ border-color:rgb(255, 111, 132) }
```

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

Here you see how a box with a 4 pixel rgb(255, 111, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 111, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 111, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 111,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 156.4500, 79.0830, 37.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 111, 132) }
```

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

```
.background{ background-color: rgb(255,  
111, 132) }
```

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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