

Converting Colors

YIQ(150.3860, 85.1350, 37.5110)

Have a look what the booklet for
YIQ(150.3860, 85.1350, 37.5110)
contains.

YIQ(150.3860, 85.1350, 37.5110)	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(150.3860, 85.1350,
37.5110)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6778
RGB	255, 103, 120
RGB Percent	100%, 40%, 47%
CMY	0.0000, 0.5963, 0.5291
CMYK	0.00, 0.60, 0.53, 0.00
HSL	353°, 100%, 70%
HSV	353°, 60%, 100%
XYZ	49.4791, 32.3059, 21.4235
YIQ	150.3860, 85.1350, 37.5110

Conversions

Conversions Part 2

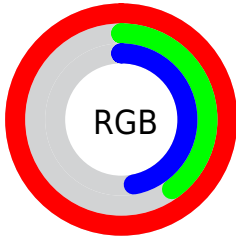
Format	Color
R _Y B	255, 103, 120
Decimal	16738168
CIE Lab	63.59, 59.14, 20.91
CIE LCh	64, 62.726, 19.470
Yxy	32.3059, 0.4794, 0.3130
Android (android.graphics.Color)	4294928248 (0xFFFF6778)
YUV	150.3860, -14.9803, 91.7465
Hunter-Lab	56.8383, 55.9217, 17.4392

Details

The YIQ color **150.3860, 85.1350, 37.5110** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **207.6140, -85.1350, -37.5110**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.1860, 53.0430, 24.3950**, and **91.7430, 79.8160, 40.2960** is the 20% darker color. If you saturate the color by 10%, you get **132.5020, 99.6680, 43.9560**, and if you desaturate by 10%, it is **167.6830, 70.8770, 31.5890**.

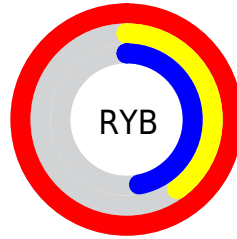
Distribution



Red (100%)

Green (40%)

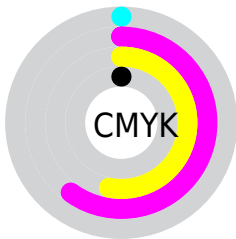
Blue (47%)



Red (100%)

Yellow (40%)

Blue (47%)

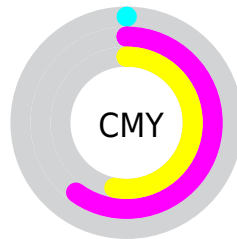


Cyan (0%)

Magenta (60%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (60%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 150.3860, 85.1350, 37.5110 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 150.3860, 85.1350, 37.5110 by changing the saturation by 10% instead.


 150.3860, 85.1350,
37.5110


 150.3860, 85.1350,
37.5110


255.0000, -0.0000,
-0.0000


 121.2440, 82.6590,
38.3310


 189.1860, 53.0430,
24.3950

 91.7430, 79.8160,
40.2960


 209.2870, 36.4010,
17.6250


 54.1380, 80.5020,
49.8940

 229.5020, 19.4380,
11.1660

 42.7740, 69.3630,
37.0030

 250.3040, 2.2000,
4.1840

 30.9540, 59.5080,
22.8680

 21.9410, 43.1870,
15.7870

 13.2700, 25.9030,

9.6390

■ 0.0000, 0.0000,
0.0000

■ 150.3860, 85.1350,
37.5110

■ 150.3860, 85.1350,
37.5110

■ 132.5020, 99.6680,
43.9560

■ 167.6830, 70.8770,
31.5890

■ 115.3190,
113.6050, 50.1890

■ 185.4530, 56.6650,
24.8330

■ 97.4350, 128.1380,
56.6340

■ 202.7500, 42.4070,
18.9110

■ 80.2520, 142.0750,
62.8670

■ 220.6340, 27.8740,
12.4660

■ 79.5510, 142.6710,
63.0790

■ 237.8170, 13.9370,
6.2330

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.



153.7800, 61.1990, 52.8070



150.3860, 85.1350, 37.5110



150.4570, 85.2320, 8.2080

Triad

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



150.3860, 85.1350, 37.5110



134.5370, -25.4830, -50.3070



126.5120, -127.5050, -7.5130

Complementary

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



150.3860, 85.1350, 37.5110



207.6140, -85.1350, -37.5110

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.



131.0310, -125.0730, -18.5530



150.3860, 85.1350, 37.5110



120.1210, -91.5970, -52.5650

Square

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



150.3860, 85.1350, 37.5110



143.3360, 32.4230, -42.4650



127.9070, -110.7650, -35.5730



150.3420, -52.5480, 27.2280

Rectangle

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



150.3860, 85.1350, 37.5110



149.3070, 76.0660, -12.9100



127.9070, -110.7650, -35.5730



129.4470, -128.8800, -10.1280

Sweetspot

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



150.3860, 85.1350, 37.5110



223.3240, 25.8110, 11.3070



160.3940, 31.0720, 75.6800



108.1270, 16.0000, 7.3920



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.



150.3860, 85.1350, 37.5110



128.4100, 102.9230, 45.5390



182.4940, 74.6420, 1.8900



119.0010, 7.4270, 3.0670



59.6170, 106.7740, 47.3340



19.9340, 35.8970, 15.7450

Inverse Universe

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



150.3860, 85.1350, 37.5110



128.4100, 102.9230, 45.5390



175.5060, -74.6420, -1.8900



119.0010, 7.4270, 3.0670



59.6170, 106.7740, 47.3340



19.9340, 35.8970, 15.7450

Previews

White Background



This preview shows how the YIQ color 150.3860, 85.1350, 37.5110 looks on a white background.

Color Contrast Check

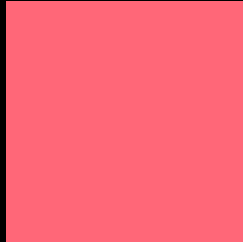
Large Text (above 18pt) WCAG AA × Fail

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 150.3860, 85.1350, 37.5110 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 150.3860, 85.1350, 37.5110

Background



This preview shows how black text looks on a background with the YIQ color 150.3860, 85.1350, 37.5110.



This preview shows how white text looks on a background with the YIQ color 150.3860, 85.1350,

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

150.3860, 85.1350, 37.5110

Protanopia

154.4690, 5.8690, -1.7390

Deuteranopia

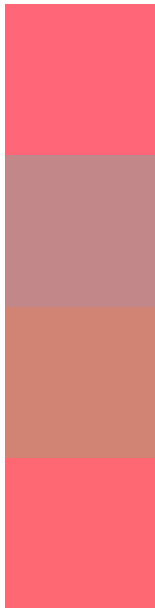
154.4750, 32.0950, -3.4650



Tritanopia

149.6480, 87.1530, 33.9770

Trichromacy



Original Color

150.3860, 85.1350, 37.5110

Protanomaly

152.7550, 34.8430, 12.8190

Deuteranomaly

153.1990, 51.0280, 11.3480

Tritanomaly

149.9900, 86.1900, 34.9100

Monochromacy



Original Color

150.3860, 85.1350, 37.5110

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.1290, 30.8540, 13.5260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.3860, 85.1350, 37.5110 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, 103, 120)` looks like.

```
.text, #text, p{  
    color:rgb(255, 103, 120)  
}
```

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, 103, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 103, 120) }
```

Border

The CSS property to change the border of an element to YIQ 150.3860, 85.1350, 37.5110 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, 103, 120) }
```


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

```
.border{ border-color:rgb(255, 103, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 103, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 103, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 103, 120);  
box-shadow:4px 4px 4px 4px rgb(255, 103,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 150.3860, 85.1350, 37.5110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 103, 120) }
```

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

```
.background{ background-color: rgb(255,  
103, 120) }
```

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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