

Converting Colors

YIQ(157.3650, 63.2650, 37.3850)

Have a look what the booklet for
YIQ(157.3650, 63.2650, 37.3850)
contains.

YIQ(157.3650, 63.2650, 37.3850)	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(157.3650, 63.2650,
37.3850)**

Conversions

Conversions Part 1

Format	Color
Hex	F17497
RGB	241, 116, 151
RGB Percent	95%, 45%, 59%
CMY	0.0546, 0.5453, 0.4076
CMYK	0.00, 0.52, 0.37, 0.05
HSL	343°, 82%, 70%
HSV	343°, 52%, 95%
XYZ	48.1333, 33.4300, 33.2182
YIQ	157.3650, 63.2650, 37.3850

Conversions

Conversions Part 2

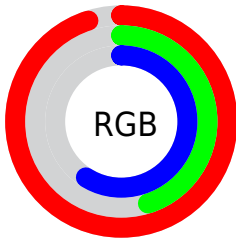
Format	Color
R_{YB}	241, 116, 151
Decimal	15824023
CIE _{Lab}	64.51, 51.53, 4.17
CIE _{LCh}	65, 51.693, 4.625
Yxy	33.4300, 0.4193, 0.2912
Android (android.graphics.Color)	4294014103 (0xFFFF17497)
YUV	157.3650, -3.1379, 73.3479
Hunter-Lab	57.8187, 47.4163, 6.4096

Details

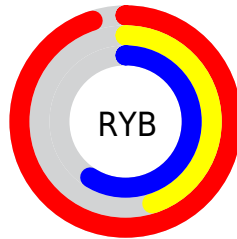
The YIQ color **157.3650, 63.2650, 37.3850** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **199.6350, -63.2650, -37.3850**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **199.9920, 39.1500, 28.3820**, and **101.9130, 58.7260, 37.0460** is the 20% darker color. If you saturate the color by 10%, you get **141.3390, 75.3220, 44.6500**, and if you desaturate by 10%, it is **173.3910, 51.2080, 30.1200**.

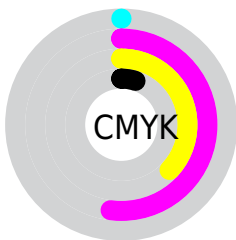
Distribution



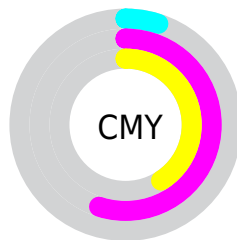
- Red (95%)
- Green (45%)
- Blue (59%)



- Red (95%)
- Yellow (45%)
- Blue (59%)



- Cyan (0%)
- Magenta (52%)
- Yellow (37%)
- Black (5%)



- Cyan (5%)
- Magenta (55%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.3650, 63.2650, 37.3850 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 157.3650, 63.2650, 37.3850 by changing the saturation by 10% instead.

157.3650, 63.2650,
37.3850

157.3650, 63.2650,
37.3850

255.0000, -0.0000,
-0.0000

129.5820, 61.1560,
37.0600

199.9920, 39.1500,
28.3820

101.9130, 58.7260,
37.0460

220.2070, 22.1870,
21.9230

73.0100, 57.0750,
39.4350

239.1510, 7.4250,
14.1210

43.2320, 56.5700,
43.0820

32.1670, 46.0270,
30.4030

21.3580, 37.6390,
17.2150

12.3730, 24.1150,

9.0030

■ 0.0000, 0.0000,
0.0000

■ 157.3650, 63.2650,
37.3850

■ 157.3650, 63.2650,
37.3850

■ 141.3390, 75.3220,
44.6500

■ 173.3910, 51.2080,
30.1200

■ 125.1990, 87.7000,
51.6040

■ 189.5310, 38.8300,
23.1660

■ 109.1730, 99.7570,
58.8690

■ 205.5570, 26.7730,
15.9010

■ 93.1470, 111.8140,
66.1340

■ 221.5830, 14.7160,
8.6360

■ 79.8110, 121.8080,
72.2400

■ 237.7230, 2.3380,
1.6820

250.8140, -8.3440,
-2.9680

Harmonies

Analogous

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



160.7270, 33.1870, 42.8430



157.3650, 63.2650, 37.3850



155.4470, 73.9970, 19.0930

Triad

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



157.3650, 63.2650, 37.3850



146.2530, 5.0960, -37.3040



128.2100, -124.0190, -15.6270

Complementary

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



157.3650, 63.2650, 37.3850



199.6350, -63.2650, -37.3850

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.



128.1980, -115.7180, -28.4060



157.3650, 63.2650, 37.3850



134.3620, -49.5550, -43.5630

Square

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



157.3650, 63.2650, 37.3850



151.0360, 42.7360, -25.6160



123.5410, -101.2270, -43.2350



146.4220, -73.8650, 11.5670

Rectangle

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



157.3650, 63.2650, 37.3850



154.9820, 70.3320, 2.9080



123.5410, -101.2270, -43.2350



128.4720, -122.0010, -19.1610

Sweetspot

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



157.3650, 63.2650, 37.3850



227.6270, 20.5840, 12.4240



157.1600, 13.5150, 57.9550



111.2730, 12.6530, 7.4770



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.



157.3650, 63.2650, 37.3850



149.2580, 80.0440, 47.1800



169.2240, 67.0750, 12.3790



111.9300, 6.1890, 3.4770



60.9440, 92.9720, 55.1800



18.5680, 28.2400, 16.8480

Inverse Universe

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



157.3650, 63.2650, 37.3850



149.2580, 80.0440, 47.1800



187.7760, -67.0750, -12.3790



111.9300, 6.1890, 3.4770



60.9440, 92.9720, 55.1800



18.5680, 28.2400, 16.8480

Previews

White Background



This preview shows how the YIQ color 157.3650, 63.2650, 37.3850 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 157.3650, 63.2650, 37.3850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

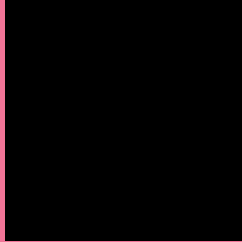
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.3650, 63.2650, 37.3850

Background



This preview shows how black text looks on a background with the YIQ color 157.3650, 63.2650, 37.3850.



This preview shows how white text looks on a background with the YIQ color 157.3650, 63.2650,

37.3850.

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

157.3650, 63.2650, 37.3850

Protanopia

157.7530, -6.3740, 5.3860

Deuteranopia

157.7910, 16.8260, 3.4340



Tritanopia

156.6070, 68.0350, 28.0270

Trichromacy



Original Color

157.3650, 63.2650, 37.3850

Protanomaly

157.3050, 18.7950, 17.3150

Deuteranomaly

157.5640, 34.0630, 15.9430

Tritanomaly

157.2310, 66.3380, 31.2500

Monochromacy



Original Color

157.3650, 63.2650, 37.3850

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

157.2360, 23.2430, 13.7950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.3650, 63.2650, 37.3850 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(241, 116, 151)` looks like.

```
.text, #text, p{  
    color:rgb(241, 116, 151)  
}
```

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(241, 116, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 116, 151) }
```

Border

The CSS property to change the border of an element to YIQ 157.3650, 63.2650, 37.3850 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(241, 116, 151) }
```


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

```
.border{ border-color:rgb(241, 116, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 116, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 116, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 116, 151);  
box-shadow:4px 4px 4px 4px rgb(241, 116,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 157.3650, 63.2650, 37.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 116, 151) }
```

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

```
.background{ background-color: rgb(241,  
116, 151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor