

Converting Colors

YIQ(157.2570, 63.4490, 34.0490)

Have a look what the booklet for
YIQ(157.2570, 63.4490, 34.0490)
contains.

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Color

**YIQ(157.2570, 63.4490,
34.0490)**

Conversions

Conversions Part 1

Format	Color
Hex	EF7691
RGB	239, 118, 145
RGB Percent	94%, 46%, 57%
CMY	0.0624, 0.5374, 0.4311
CMYK	0.00, 0.51, 0.39, 0.06
HSL	347°, 79%, 70%
HSV	347°, 51%, 94%
XYZ	47.2107, 33.3553, 30.7618
YIQ	157.2570, 63.4490, 34.0490

Conversions

Conversions Part 2

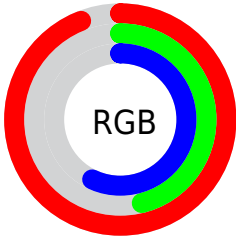
Format	Color
R_{YB}	239, 118, 145
Decimal	15693457
CIE _{Lab}	64.45, 49.22, 7.47
CIE _{LCh}	64, 49.784, 8.628
Yxy	33.3553, 0.4241, 0.2996
Android (android.graphics.Color)	4293883537 (0xFFEF7691)
YUV	157.2570, -6.0427, 71.6886
Hunter-Lab	57.7541, 44.8441, 8.8479

Details

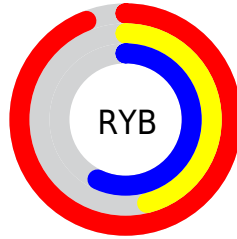
The YIQ color **157.2570, 63.4490, 34.0490** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **199.7430, -63.4490, -34.0490**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **200.4820, 40.5260, 25.4700**, and **101.9190, 58.5890, 34.0210** is the 20% darker color. If you saturate the color by 10%, you get **141.1170, 75.8270, 41.0030**, and if you desaturate by 10%, it is **173.5110, 50.7500, 27.4060**.

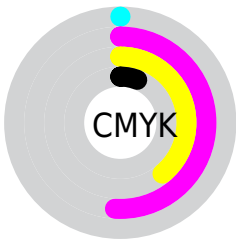
Distribution



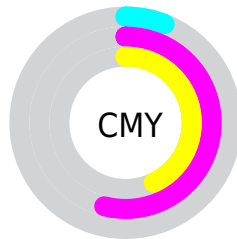
- Red (94%)
- Green (46%)
- Blue (57%)



- Red (94%)
- Yellow (46%)
- Blue (57%)



- Cyan (0%)
- Magenta (51%)
- Yellow (39%)
- Black (6%)





- Cyan (6%)
- Magenta (54%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 157.2570, 63.4490, 34.0490 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 157.2570, 63.4490, 34.0490 by changing the saturation by 10% instead.


 157.2570, 63.4490,
34.0490


 157.2570, 63.4490,
34.0490


255.0000, -0.0000,
-0.0000

 129.4740, 61.3400,
33.7240


 200.4820, 40.5260,
25.4700


 101.9190, 58.5890,
34.0210


 220.1100, 23.8380,
19.5340

 74.0760, 56.7090,
35.0530

 240.3250, 6.8750,
13.0750

 42.0640, 56.9830,
41.1030

 31.2980, 47.0360,
28.6360

 20.1470, 39.6110,
14.5150

 11.7750, 22.9230,

8.5790

■ 0.0000, 0.0000,
0.0000

■ 157.2570, 63.4490,
34.0490

■ 157.2570, 63.4490,
34.0490

■ 141.1170, 75.8270,
41.0030

■ 173.5110, 50.7500,
27.4060

■ 124.8630, 88.5260,
47.6460

■ 189.6510, 38.3720,
20.4520

■ 108.6090,
101.2250, 54.2890

■ 205.9050, 25.6730,
13.8090

■ 92.4690, 113.6030,
61.2430

■ 222.0450, 13.2950,
6.8550

■ 77.5030, 125.4310,
67.1510

■ 237.7120, 0.8710,
0.7350

■ 250.2160, -9.5360,
-3.3920

Harmonies

Analogous

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



160.5270, 36.6260, 41.0900



157.2570, 63.4490, 34.0490



155.3710, 71.1550, 15.5310

Triad

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



157.2570, 63.4490, 34.0490



145.8440, -1.0020, -36.9220



126.9220, -123.1480, -14.8920

Complementary

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



157.2570, 63.4490, 34.0490



199.7430, -63.4490, -34.0490

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.



127.9530, -116.4060, -26.9500



157.2570, 63.4490, 34.0490



133.3660, -55.3780, -42.6580

Square

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



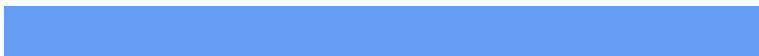
157.2570, 63.4490, 34.0490



150.8720, 37.3260, -26.6900



124.2250, -103.1530, -41.3690



150.4730, -60.7070, 15.3970

Rectangle

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



157.2570, 63.4490, 34.0490



154.8350, 66.2520, -0.2440



124.2250, -103.1530, -41.3690



127.8850, -121.7260, -18.6380

Sweetspot

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



157.2570, 63.4490, 34.0490



229.2740, 20.0800, 10.5440



159.6010, 16.5870, 57.3470



112.4470, 12.1030, 6.4310



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.



157.2570, 63.4490, 34.0490



149.6340, 81.7410, 43.9570



172.9630, 63.3160, 8.9160



111.9300, 6.1890, 3.4770



59.6900, 96.5030, 51.7590



18.2260, 29.2030, 15.9150

Inverse Universe

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



157.2570, 63.4490, 34.0490



149.6340, 81.7410, 43.9570



184.0370, -63.3160, -8.9160



111.9300, 6.1890, 3.4770



59.6900, 96.5030, 51.7590



18.2260, 29.2030, 15.9150

Previews

White Background



This preview shows how the YIQ color 157.2570, 63.4490, 34.0490 looks on a white background.

Color Contrast Check

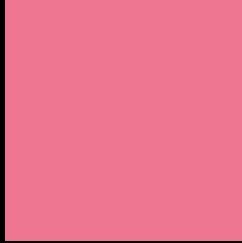
Large Text (above 18pt) WCAG AA × Fail

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 157.2570, 63.4490, 34.0490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

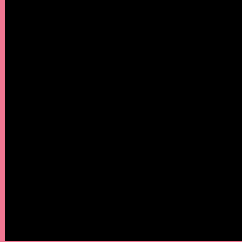
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.2570, 63.4490, 34.0490

Background



This preview shows how black text looks on a background with the YIQ color 157.2570, 63.4490, 34.0490.



This preview shows how white text looks on a background with the YIQ color 157.2570, 63.4490,

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

157.2570, 63.4490, 34.0490

Protanopia

157.4390, -2.6140, 3.3220

Deuteranopia

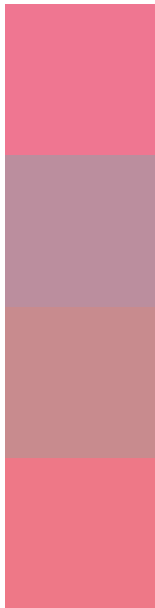
157.8190, 19.6230, 2.3030



Tritanopia

156.8950, 67.1640, 27.2920

Trichromacy



Original Color

157.2570, 63.4490, 34.0490

Protanomaly

157.2790, 21.6840, 14.5160

Deuteranomaly

157.5810, 35.3930, 13.8650

Tritanomaly

156.9920, 65.5130, 29.6810

Monochromacy



Original Color

157.2570, 63.4490, 34.0490

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

157.2960, 23.0140, 12.4380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.2570, 63.4490, 34.0490 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(239, 118, 145)` looks like.

```
.text, #text, p{  
    color:rgb(239, 118, 145)  
}
```

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(239, 118, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 118, 145) }
```

Border

The CSS property to change the border of an element to YIQ 157.2570, 63.4490, 34.0490 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(239, 118, 145) }
```


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

```
.border{ border-color:rgb(239, 118, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 118, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 118, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 118, 145);  
box-shadow:4px 4px 4px 4px rgb(239, 118,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 157.2570, 63.4490, 34.0490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 118, 145) }
```

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

```
.background{ background-color: rgb(239,  
118, 145) }
```

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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