

Converting Colors

YIQ(153.4940, 75.7830, 30.7830)

Have a look what the booklet for
YIQ(153.4940, 75.7830, 30.7830)
contains.

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Color

**YIQ(153.4940, 75.7830,
30.7830)**

Conversions

Conversions Part 1

Format	Color
Hex	F5717A
RGB	245, 113, 122
RGB Percent	96%, 44%, 48%
CMY	0.0389, 0.5570, 0.5213
CMYK	0.00, 0.54, 0.50, 0.04
HSL	356°, 87%, 70%
HSV	356°, 54%, 96%
XYZ	47.1011, 32.6320, 22.2528
YIQ	153.4940, 75.7830, 30.7830

Conversions

Conversions Part 2

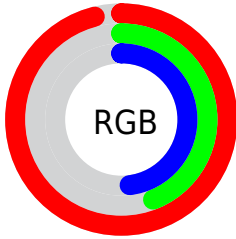
Format	Color
R _Y B	245, 113, 122
Decimal	16085370
CIE Lab	63.86, 51.44, 19.89
CIE LCh	64, 55.149, 21.136
Yxy	32.6320, 0.4618, 0.3200
Android (android.graphics.Color)	4294275450 (0xFFFF5717A)
YUV	153.4940, -15.5265, 80.2508
Hunter-Lab	57.1244, 47.2116, 16.8907

Details

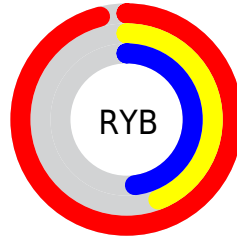
The YIQ color **153.4940, 75.7830, 30.7830** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **204.5060, -75.7830, -30.7830**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **194.6970, 49.9260, 20.3100**, and **97.4980, 69.9600, 31.6880** is the 20% darker color. If you saturate the color by 10%, you get **136.1970, 90.0410, 36.7050**, and if you desaturate by 10%, it is **170.2040, 61.8000, 25.3840**.

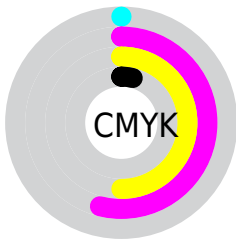
Distribution



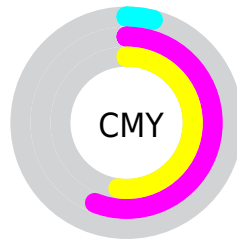
- Red (96%)
- Green (44%)
- Blue (48%)



- Red (96%)
- Yellow (44%)
- Blue (48%)



- Cyan (0%)
- Magenta (54%)
- Yellow (50%)
- Black (4%)




- Cyan (4%)
- Magenta (56%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 153.4940, 75.7830, 30.7830 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 153.4940, 75.7830, 30.7830 by changing the saturation by 10% instead.


 153.4940, 75.7830,
30.7830


 153.4940, 75.7830,
30.7830


255.0000, -0.0000,
-0.0000

 125.5260, 72.7570,
30.5570


 194.6970, 49.9260,
20.3100


 97.4980, 69.9600,
31.6880


 214.3250, 33.2380,
14.3740

 68.2960, 67.7130,
33.8650

 234.5400, 16.2750,
7.9150

 40.7950, 64.8700,
35.8300

 29.3880, 55.2900,
22.2180

 20.1470, 39.6110,
14.5150

 11.4760, 22.3270,

8.3670

■ 0.0000, 0.0000,
0.0000

■ 153.4940, 75.7830,
30.7830

■ 153.4940, 75.7830,
30.7830

■ 136.1970, 90.0410,
36.7050

■ 170.2040, 61.8000,
25.3840

■ 119.4870,
104.0240, 42.1040

■ 187.5010, 47.5420,
19.4620

■ 102.3040,
117.9610, 48.3370

■ 204.2110, 33.5590,
14.0630

■ 85.5940, 131.9440,
53.7360

■ 221.3940, 19.6220,
7.8300

■ 75.1930, 140.5630,
57.2270

■ 238.1040, 5.6390,
2.4310

252.0100, -5.9600,
-2.1200

Harmonies

Analogous

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



156.1010, 55.5610, 44.8490



153.4940, 75.7830, 30.7830



152.6130, 75.9250, 6.1730

Triad

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



153.4940, 75.7830, 30.7830



138.1230, -24.0170, -43.8330



124.9960, -125.9920, -7.4000

Complementary

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



153.4940, 75.7830, 30.7830



204.5060, -75.7830, -30.7830

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.



128.9450, -121.9550, -19.9950



153.4940, 75.7830, 30.7830



120.2180, -93.2480, -50.1760

Square

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



153.4940, 75.7830, 30.7830



146.3170, 25.4070, -36.4570



126.6190, -109.8940, -34.8380



154.2030, -41.9110, 27.1850

Rectangle

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



153.4940, 75.7830, 30.7830



151.3860, 65.6580, -11.5100



126.6190, -109.8940, -34.8380



127.3610, -125.7620, -11.5700

Sweetspot

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



153.4940, 75.7830, 30.7830



226.6010, 23.4730, 9.6250



164.2270, 29.7440, 66.7040



110.7030, 14.2580, 5.9220



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.



153.4940, 75.7830, 30.7830



140.0020, 95.0840, 38.9240



184.7530, 63.5470, -0.7810



113.7020, 6.8310, 2.8550



57.0960, 106.6830, 43.4750



18.0970, 33.8800, 13.7520

Inverse Universe

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



153.4940, 75.7830, 30.7830



140.0020, 95.0840, 38.9240



173.2470, -63.5470, 0.7810



113.7020, 6.8310, 2.8550



57.0960, 106.6830, 43.4750



18.0970, 33.8800, 13.7520

Previews

White Background



This preview shows how the YIQ color 153.4940, 75.7830, 30.7830 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 153.4940, 75.7830, 30.7830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

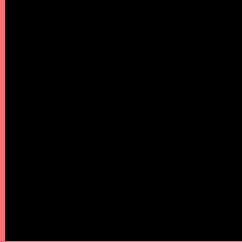
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.4940, 75.7830, 30.7830

Background



This preview shows how black text looks on a background with the YIQ color 153.4940, 75.7830, 30.7830.



This preview shows how white text looks on a background with the YIQ color 153.4940, 75.7830, 30.7830.

30.7830.

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

153.4940, 75.7830, 30.7830

Protanopia

155.3120, 7.7490, -2.7710

Deuteranopia

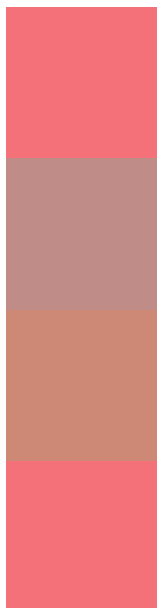
155.4040, 30.8570, -3.0550



Tritanopia

153.3800, 76.1040, 30.4720

Trichromacy



Original Color

153.4940, 75.7830, 30.7830

Protanomaly

154.9780, 32.5970, 9.4690

Deuteranomaly

154.8780, 47.4980, 9.2420

Tritanomaly

153.3800, 76.1040, 30.4720

Monochromacy



Original Color

153.4940, 75.7830, 30.7830

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

152.8080, 27.3240, 11.4200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.4940, 75.7830, 30.7830 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(245, 113, 122)` looks like.

```
.text, #text, p{  
    color:rgb(245, 113, 122)  
}
```

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(245, 113, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 113, 122) }
```

Border

The CSS property to change the border of an element to YIQ 153.4940, 75.7830, 30.7830 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(245, 113, 122) }
```


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

```
.border{ border-color:rgb(245, 113, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 113, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 113, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 113, 122);  
box-shadow:4px 4px 4px 4px rgb(245, 113,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 153.4940, 75.7830, 30.7830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 113, 122) }
```

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

```
.background{ background-color: rgb(245,  
113, 122) }
```

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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