

Converting Colors

YIQ(156.4290, 74.4080, 28.1680)

Have a look what the booklet for
YIQ(156.4290, 74.4080, 28.1680)
contains.

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Color

**YIQ(156.4290, 74.4080,
28.1680)**

Conversions

Conversions Part 1

Format	Color
Hex	F5767A
RGB	245, 118, 122
RGB Percent	96%, 46%, 48%
CMY	0.0389, 0.5374, 0.5213
CMYK	0.00, 0.52, 0.50, 0.04
HSL	358°, 86%, 71%
HSV	358°, 52%, 96%
XYZ	47.6729, 33.7777, 22.4437
YIQ	156.4290, 74.4080, 28.1680

Conversions

Conversions Part 2

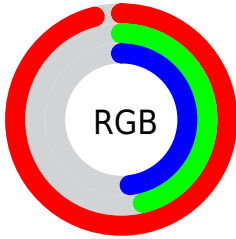
Format	Color
R _Y B	245, 118, 122
Decimal	16086650
CIE Lab	64.79, 49.05, 21.14
CIE LCh	65, 53.414, 23.318
Yxy	33.7777, 0.4589, 0.3251
Android (android.graphics.Color)	4294276730 (0xFFFF5767A)
YUV	156.4290, -16.9735, 77.6768
Hunter-Lab	58.1186, 44.7105, 17.7870

Details

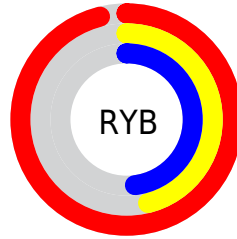
The YIQ color **156.4290, 74.4080, 28.1680** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **206.5710, -74.4080, -28.1680**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **197.6320, 48.5510, 17.6950**, and **100.9060, 68.6310, 28.2390** is the 20% darker color. If you saturate the color by 10%, you get **139.0180, 88.9870, 33.7790**, and if you desaturate by 10%, it is **173.2530, 60.1040, 23.0800**.

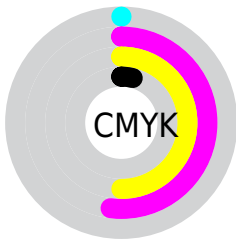
Distribution



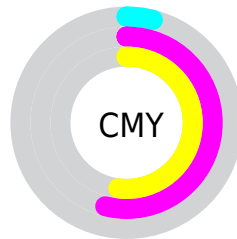
- Red (96%)
- Green (46%)
- Blue (48%)



- Red (96%)
- Yellow (46%)
- Blue (48%)



- Cyan (0%)
- Magenta (52%)
- Yellow (50%)
- Black (4%)





- Cyan (4%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 156.4290, 74.4080, 28.1680 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 156.4290, 74.4080, 28.1680 by changing the saturation by 10% instead.


 156.4290, 74.4080,
28.1680


 156.4290, 74.4080,
28.1680


255.0000, -0.0000,
-0.0000


 128.4610, 71.3820,
27.9420


 197.6320, 48.5510,
17.6950


 101.0200, 68.3100,
28.5500


 217.2600, 31.8630,
11.7590

 72.9920, 65.5130,
29.6810

 237.4750, 14.9000,
5.3000

 40.7950, 64.8700,
35.8300

 29.3880, 55.2900,
22.2180

 20.3320, 40.5280,
14.4160

 12.0740, 23.5190,

8.7910

■ 0.0000, 0.0000,
0.0000

■ 156.4290, 74.4080,
28.1680

■ 156.4290, 74.4080,
28.1680

■ 139.0180, 88.9870,
33.7790

■ 173.2530, 60.1040,
23.0800

■ 122.3080,
102.9700, 39.1780

■ 190.6640, 45.5250,
17.4690

■ 104.8970,
117.5490, 44.7890

■ 207.3740, 31.5420,
12.0700

■ 88.0730, 131.8530,
49.8770

■ 224.7850, 16.9630,
6.4590

■ 74.1670, 143.4520,
54.4280

■ 241.6090, 2.6590,
1.3710

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.



158.9330, 55.9740, 42.8700



156.4290, 74.4080, 28.1680



155.5910, 72.9910, 4.2790

Triad

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



156.4290, 74.4080, 28.1680



140.2090, -27.1350, -42.3910



126.1700, -126.5420, -8.4460

Complementary

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



156.4290, 74.4080, 28.1680



206.5710, -74.4080, -28.1680

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.



129.8740, -123.1930, -19.5850



156.4290, 74.4080, 28.1680



122.0760, -95.7240, -49.3560

Square

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



156.4290, 74.4080, 28.1680



148.6910, 21.4180, -35.7500



128.3630, -112.0490, -34.3290



157.8510, -34.9880, 28.3720

Rectangle

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



156.4290, 74.4080, 28.1680



153.8910, 62.6780, -12.5700



128.3630, -112.0490, -34.3290



128.0620, -126.3580, -11.7820

Sweetspot

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



156.4290, 74.4080, 28.1680



226.4870, 23.7940, 9.3140



169.2550, 32.5410, 65.5730



110.5890, 14.5790, 5.6110



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.



156.4290, 74.4080, 28.1680



144.8120, 92.5630, 35.0510



190.6060, 59.4670, -3.9330



113.7020, 6.8310, 2.8550



56.2980, 108.9300, 41.2980



17.8690, 34.5220, 13.1300

Inverse Universe

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



156.4290, 74.4080, 28.1680



144.8120, 92.5630, 35.0510



172.3940, -59.4670, 3.9330



113.7020, 6.8310, 2.8550



56.2980, 108.9300, 41.2980



17.8690, 34.5220, 13.1300

Previews

White Background



This preview shows how the YIQ color 156.4290, 74.4080, 28.1680 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 156.4290, 74.4080, 28.1680 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 156.4290, 74.4080, 28.1680

Background



This preview shows how black text looks on a background with the YIQ color 156.4290, 74.4080, 28.1680.



This preview shows how white text looks on a background with the YIQ color 156.4290, 74.4080,

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

156.4290, 74.4080, 28.1680

Protanopia

157.2690, 9.3080, -3.4920

Deuteranopia

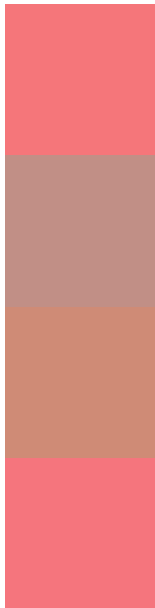
157.4750, 32.0950, -3.4650



Tritanopia

156.2980, 73.3990, 29.9350

Trichromacy



Original Color

156.4290, 74.4080, 28.1680

Protanomaly

156.9240, 32.6890, 7.8010

Deuteranomaly

156.9380, 47.2690, 7.8850

Tritanomaly

156.1840, 73.7200, 29.6240

Monochromacy



Original Color

156.4290, 74.4080, 28.1680

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

155.9820, 26.7740, 10.3740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.4290, 74.4080, 28.1680 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, 118, 122)` looks like.

```
.text, #text, p{  
    color:rgb(245, 118, 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, 118, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 118, 122) }
```

Border

The CSS property to change the border of an element to YIQ 156.4290, 74.4080, 28.1680 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, 118, 122) }
```


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

```
.border{ border-color:rgb(245, 118, 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, 118, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 118, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 118, 122);  
box-shadow:4px 4px 4px 4px rgb(245, 118,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 156.4290, 74.4080, 28.1680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 118, 122) }
```

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

```
.background{ background-color: rgb(245,  
118, 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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