

# Converting Colors

YIQ(153.5430, 74.0870, 28.4790)

Have a look what the booklet for  
YIQ(153.5430, 74.0870, 28.4790)  
contains.

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# Color

**YIQ(153.5430, 74.0870,  
28.4790)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | F27378                     |
| RGB         | 242, 115, 120              |
| RGB Percent | 95%, 45%, 47%              |
| CMY         | 0.0507, 0.5492, 0.5291     |
| CMYK        | 0.00, 0.53, 0.50, 0.05     |
| HSL         | 358°, 83%, 70%             |
| HSV         | 358°, 53%, 95%             |
| XYZ         | 46.1640, 32.4982, 21.6325  |
| YIQ         | 153.5430, 74.0870, 28.4790 |

# Conversions

## Conversions Part 2

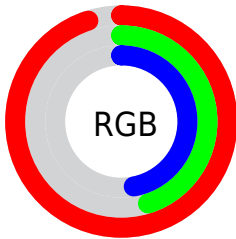
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 242, 115, 120                  |
| Decimal                             | 15889272                       |
| CIE Lab                             | 63.75, 49.27, 20.80            |
| CIE LCh                             | 64, 53.480, 22.890             |
| Yxy                                 | 32.4982, 0.4603,<br>0.3240     |
| Android<br>(android.graphics.Color) | 4294079352<br>(0xFFFF27378)    |
| YUV                                 | 153.5430, -16.5367,<br>77.5768 |
| Hunter-Lab                          | 57.0072, 44.7854,<br>17.4062   |

# Details

The YIQ color **153.5430, 74.0870, 28.4790** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **203.4570, -74.0870, -28.4790**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.6430, 50.0180, 18.6420**, and **98.1340, 67.9890, 28.8610** is the 20% darker color. If you saturate the color by 10%, you get **136.8330, 88.0700, 33.8780**, and if you desaturate by 10%, it is **170.2530, 60.1040, 23.0800**.

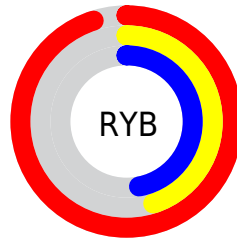
# Distribution



Red (95%)

Green (45%)

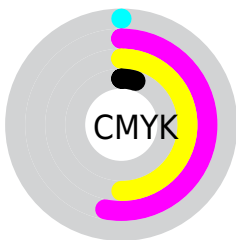
Blue (47%)



Red (95%)

Yellow (45%)

Blue (47%)

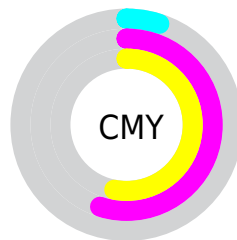


Cyan (0%)

Magenta (53%)

Yellow (50%)

Black (5%)



Cyan (5%)

Magenta (55%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 153.5430, 74.0870, 28.4790 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 153.5430, 74.0870, 28.4790 by changing the saturation by 10% instead.



153.5430, 74.0870,  
28.4790

153.5430, 74.0870,  
28.4790

255.0000, -0.0000,  
-0.0000

125.5750, 71.0610,  
28.2530

195.6430, 50.0180,  
18.6420

98.1340, 67.9890,  
28.8610

215.2710, 33.3300,  
12.7060

69.8180, 66.0630,  
30.7270

235.4860, 16.3670,  
6.2470

39.7840, 63.4030,  
34.8830

28.5620, 54.7400,  
21.1720

19.5490, 38.4190,  
14.0910

10.8780, 21.1350,

7.9430

■ 0.0000, 0.0000,  
0.0000

■ 153.5430, 74.0870,  
28.4790

■ 153.5430, 74.0870,  
28.4790

■ 136.8330, 88.0700,  
33.8780

■ 170.2530, 60.1040,  
23.0800

■ 120.1230,  
102.0530, 39.2770

■ 187.0770, 45.8000,  
17.9920

■ 102.7120,  
116.6320, 44.8880

■ 204.3740, 31.5420,  
12.0700

■ 86.0020, 130.6150,  
50.2870

■ 221.0840, 17.5590,  
6.6710

■ 73.4980, 141.0220,  
54.4140

■ 237.7940, 3.5760,  
1.2720

251.1130, -7.7480,  
-2.7560

# Harmonies

## Analogous

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



156.0470, 55.6530, 43.1810



153.5430, 74.0870, 28.4790



152.5910, 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.



153.5430, 74.0870, 28.4790



137.3940, -26.2180, -42.4900



124.0670, -124.7540, -7.8100

# Complementary

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



153.5430, 74.0870, 28.4790



203.4570, -74.0870, -28.4790

# 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.



127.7710, -121.4050, -18.9490



153.5430, 74.0870, 28.4790



119.9730, -93.9360, -48.7200

# Square

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



153.5430, 74.0870, 28.4790



145.9900, 22.0140, -35.5380



126.1460, -109.9400, -34.0040



154.5520, -35.5840, 28.1600



# Rectangle

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



153.5430, 74.0870, 28.4790



151.3040, 62.9530, -12.0470



126.1460, -109.9400, -34.0040



125.9590, -124.5700, -11.1460

# Sweetspot

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



153.5430, 74.0870, 28.4790



226.4870, 23.7940, 9.3140



165.6570, 31.3490, 65.1490



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.



153.5430, 74.0870, 28.4790



142.9370, 93.7090, 36.3090



186.4320, 60.0170, -2.8870



111.5880, 7.1520, 2.5440



55.8140, 107.4170, 41.1850



16.9720, 32.7340, 12.4940



# Inverse Universe

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



153.5430, 74.0870, 28.4790



142.9370, 93.7090, 36.3090



170.5680, -60.0170, 2.8870



111.5880, 7.1520, 2.5440



55.8140, 107.4170, 41.1850



16.9720, 32.7340, 12.4940



# Previews

## White Background



This preview shows how the YIQ color 153.5430, 74.0870, 28.4790 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

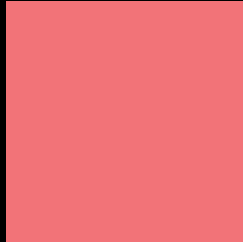
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 153.5430, 74.0870, 28.4790 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 153.5430, 74.0870, 28.4790

## Background



This preview shows how black text looks on a background with the YIQ color 153.5430, 74.0870, 28.4790.



This preview shows how white text looks on a background with the YIQ color 153.5430, 74.0870,

28.4790.

# 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

153.5430, 74.0870, 28.4790

### Protanopia

154.3830, 8.9870, -3.1810

### Deuteranopia

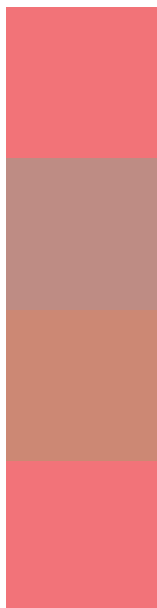
154.5890, 31.7740, -3.1540



## Tritanopia

153.7710, 73.4450, 29.1010

# Trichromacy



## Original Color

153.5430, 74.0870, 28.4790

## Protanomaly

154.0380, 32.3680, 8.1120

## Deuteranomaly

154.0520, 46.9480, 8.1960

## Tritanomaly

153.6570, 73.7660, 28.7900

# Monochromacy



## Original Color

153.5430, 74.0870, 28.4790

## Achromatopsia

154.0000, -0.0000, -0.0000

## Achromatomaly

153.9820, 26.7740, 10.3740

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 153.5430, 74.0870, 28.4790 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(242, 115, 120)` looks like.

```
.text, #text, p{  
    color:rgb(242, 115, 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(242, 115, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 115, 120) }
```

## Border

The CSS property to change the border of an element to YIQ 153.5430, 74.0870, 28.4790 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(242, 115, 120) }
```



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

```
.border{ border-color:rgb(242, 115, 120) }
```

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

Here you see how a box with a 4 pixel rgb(242, 115, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 115, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 115, 120);  
box-shadow:4px 4px 4px 4px rgb(242, 115,  
120) }
```

# Background

The CSS property to change the background color of an element to YIQ 153.5430, 74.0870, 28.4790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 115, 120) }
```

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

```
.background{ background-color: rgb(242,  
115, 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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