

Converting Colors

YIQ(152.9780, 77.2960, 30.8960)

Have a look what the booklet for
YIQ(152.9780, 77.2960, 30.8960)
contains.

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Color

**YIQ(152.9780, 77.2960,
30.8960)**

Conversions

Conversions Part 1

Format	Color
Hex	F67078
RGB	246, 112, 120
RGB Percent	96%, 44%, 47%
CMY	0.0350, 0.5610, 0.5291
CMYK	0.00, 0.55, 0.51, 0.03
HSL	356°, 88%, 70%
HSV	356°, 55%, 97%
XYZ	47.2178, 32.5416, 21.5862
YIQ	152.9780, 77.2960, 30.8960

Conversions

Conversions Part 2

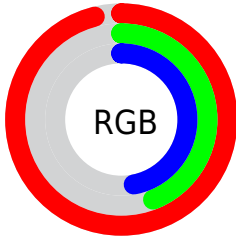
Format	Color
R _Y B	246, 112, 120
Decimal	16150648
CIE Lab	63.79, 52.08, 20.95
CIE LCh	64, 56.138, 21.909
Yxy	32.5416, 0.4659, 0.3211
Android (android.graphics.Color)	4294340728 (0xFFFF67078)
YUV	152.9780, -16.2582, 81.5803
Hunter-Lab	57.0453, 47.9197, 17.4961

Details

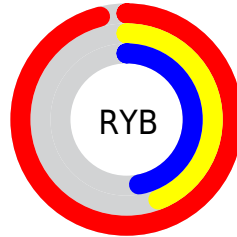
The YIQ color **152.9780, 77.2960, 30.8960** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **205.0220, -77.2960, -30.8960**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **193.8820, 50.8430, 20.2110**, and **96.9820, 71.4730, 31.8010** is the 20% darker color. If you saturate the color by 10%, you get **135.6810, 91.5540, 36.8180**, and if you desaturate by 10%, it is **170.2750, 63.0380, 24.9740**.

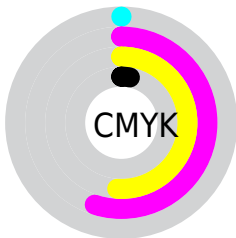
Distribution



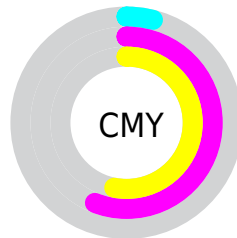
- Red (96%)
- Green (44%)
- Blue (47%)



- Red (96%)
- Yellow (44%)
- Blue (47%)



- Cyan (0%)
- Magenta (55%)
- Yellow (51%)
- Black (3%)




- Cyan (4%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 152.9780, 77.2960, 30.8960 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 152.9780, 77.2960, 30.8960 by changing the saturation by 10% instead.


 152.9780, 77.2960,
30.8960


 152.9780, 77.2960,
30.8960


255.0000, -0.0000,
-0.0000

 125.0100, 74.2700,
30.6700


 193.8820, 50.8430,
20.2110

 96.9820, 71.4730,
31.8010


 214.0970, 33.8800,
13.7520


 67.1930, 69.5010,
34.5010

 233.7250, 17.1920,
7.8160

 40.6810, 65.1910,
35.5190

254.4130, 0.2750,
0.5230

 29.1600, 55.9320,
21.5960

 20.4460, 40.2070,
14.7270

 11.7750, 22.9230,

8.5790

■ 0.0000, 0.0000,
0.0000

■ 152.9780, 77.2960,
30.8960

■ 152.9780, 77.2960,
30.8960

■ 135.6810, 91.5540,
36.8180

■ 170.2750, 63.0380,
24.9740

■ 118.9710,
105.5370, 42.2170

■ 186.9850, 49.0550,
19.5750

■ 101.6740,
119.7950, 48.1390

■ 204.2820, 34.7970,
13.6530

■ 84.9640, 133.7780,
53.5380

■ 221.1060, 20.4930,
8.5650

■ 75.2640, 141.8010,
56.8170

■ 238.4030, 6.2350,
2.6430

252.3090, -5.3640,
-1.9080

Harmonies

Analogous

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



155.9980, 57.3490, 45.4850



152.9780, 77.2960, 30.8960



152.3850, 76.5670, 5.5510

Triad

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



152.9780, 77.2960, 30.8960



136.9270, -26.4010, -44.6810



125.1100, -126.3130, -7.0890

Complementary

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



152.9780, 77.2960, 30.8960



205.0220, -77.2960, -30.8960

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.



129.1730, -122.5970, -19.3730



152.9780, 77.2960, 30.8960



120.3320, -93.5690, -49.8650

Square

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



152.9780, 77.2960, 30.8960



145.6050, 24.5360, -37.1920



126.7330, -110.2150, -34.5270



154.3280, -40.7650, 28.4430

Rectangle

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



152.9780, 77.2960, 30.8960



151.0440, 66.6210, -12.4430



126.7330, -110.2150, -34.5270



127.0020, -126.1290, -10.4250

Sweetspot

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



152.9780, 77.2960, 30.8960



226.6010, 23.4730, 9.6250



164.6510, 31.4860, 68.1740



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.



152.9780, 77.2960, 30.8960



139.7740, 95.7260, 38.3020



186.1120, 63.9140, -1.9260



113.7020, 6.8310, 2.8550



56.8680, 107.3250, 42.8530



18.0970, 33.8800, 13.7520

Inverse Universe

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



152.9780, 77.2960, 30.8960



139.7740, 95.7260, 38.3020



171.8880, -63.9140, 1.9260



113.7020, 6.8310, 2.8550



56.8680, 107.3250, 42.8530



18.0970, 33.8800, 13.7520

Previews

White Background



This preview shows how the YIQ color 152.9780, 77.2960, 30.8960 looks on a white background.

Color Contrast Check

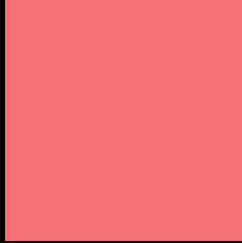
Large Text (above 18pt) WCAG AA × Fail

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 152.9780, 77.2960, 30.8960 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 152.9780, 77.2960, 30.8960

Background



This preview shows how black text looks on a background with the YIQ color 152.9780, 77.2960, 30.8960.



This preview shows how white text looks on a background with the YIQ color 152.9780, 77.2960,

30.8960.

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

152.9780, 77.2960, 30.8960

Protanopia

154.6110, 8.3450, -2.5590

Deuteranopia

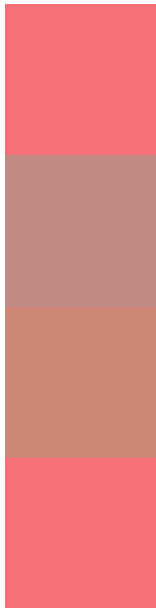
154.5890, 31.7740, -3.1540



Tritanopia

152.9780, 77.2960, 30.8960

Trichromacy



Original Color

152.9780, 77.2960, 30.8960

Protanomaly

154.1630, 33.5140, 9.3700

Deuteranomaly

154.0630, 48.4150, 9.1430

Tritanomaly

152.9780, 77.2960, 30.8960

Monochromacy



Original Color

152.9780, 77.2960, 30.8960

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

152.9930, 28.2410, 11.3210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.9780, 77.2960, 30.8960 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(246, 112, 120)` looks like.

```
.text, #text, p{  
    color:rgb(246, 112, 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(246, 112, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 112, 120) }
```

Border

The CSS property to change the border of an element to YIQ 152.9780, 77.2960, 30.8960 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(246, 112, 120) }
```


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

```
.border{ border-color:rgb(246, 112, 120) }
```

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

Here you see how a box with a 4 pixel rgb(246, 112, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 112, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 112, 120);  
box-shadow:4px 4px 4px 4px rgb(246, 112,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 152.9780, 77.2960, 30.8960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 112, 120) }
```

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

```
.background{ background-color: rgb(246,  
112, 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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