

Converting Colors

YIQ(157.9730, 75.6920, 26.9240)

Have a look what the booklet for
YIQ(157.9730, 75.6920, 26.9240)
contains.

YIQ(157.9730, 75.6920, 26.9240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(157.9730, 75.6920,
26.9240)**

Conversions

Conversions Part 1

Format	Color
Hex	F77878
RGB	247, 120, 120
RGB Percent	97%, 47%, 47%
CMY	0.0311, 0.5296, 0.5291
CMYK	0.00, 0.51, 0.51, 0.03
HSL	360°, 89%, 72%
HSV	360°, 51%, 97%
XYZ	48.4898, 34.5662, 21.9099
YIQ	157.9730, 75.6920, 26.9240

Conversions

Conversions Part 2

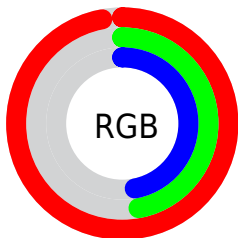
Format	Color
R _Y B	247, 120, 120
Decimal	16218232
CIE Lab	65.41, 48.62, 23.16
CIE LCh	65, 53.854, 25.473
Yxy	34.5662, 0.4620, 0.3293
Android (android.graphics.Color)	4294408312 (0xFFFF77878)
YUV	157.9730, -18.7207, 78.0767
Hunter-Lab	58.7930, 44.3309, 19.0600

Details

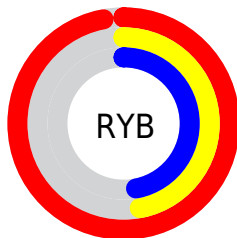
The YIQ color **157.9730, 75.6920, 26.9240** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **209.0270, -75.6920, -26.9240**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **198.5780, 48.6430, 16.0270**, and **102.5640, 69.5940, 27.3060** is the 20% darker color. If you saturate the color by 10%, you get **140.4480, 90.5920, 32.2240**, and if you desaturate by 10%, it is **175.4980, 60.7920, 21.6240**.

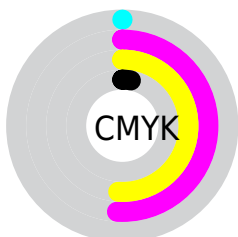
Distribution



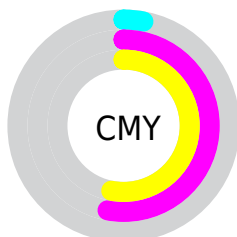
- Red (97%)
- Green (47%)
- Blue (47%)



- Red (97%)
- Yellow (47%)
- Blue (47%)



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




- Cyan (3%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 157.9730, 75.6920, 26.9240 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 157.9730, 75.6920, 26.9240 by changing the saturation by 10% instead.


 157.9730, 75.6920,
26.9240


 157.9730, 75.6920,
26.9240


255.0000, -0.0000,
-0.0000


 130.0050, 72.6660,
26.6980


 198.5780, 48.6430,
16.0270


 102.5640, 69.5940,
27.3060


 218.2060, 31.9550,
10.0910

 74.5360, 66.7970,
28.4370

 238.4210, 14.9920,
3.6320

 41.1650, 66.7040,
35.6320

 29.7580, 57.1240,
22.0200

 20.6310, 41.1240,
14.6280

 12.6720, 24.7110,

9.2150

■ 0.0000, 0.0000,
0.0000

■ 157.9730, 75.6920,
26.9240

■ 157.9730, 75.6920,
26.9240

■ 140.4480, 90.5920,
32.2240

■ 175.4980, 60.7920,
21.6240

■ 123.6240,
104.8960, 37.3120

■ 192.3220, 46.4880,
16.5360

■ 106.0990,
119.7960, 42.6120

■ 209.8470, 31.5880,
11.2360

■ 88.5740, 134.6960,
47.9120

■ 227.3720, 16.6880,
5.9360

■ 73.8530, 147.2120,
52.3640

■ 244.1960, 2.3840,
0.8480

252.6080, -4.7680,
-1.6960

Harmonies

Analogous

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



160.4880, 58.7250, 42.5730



157.9730, 75.6920, 26.9240



157.1240, 72.8080, 2.0880

Triad

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



157.9730, 75.6920, 26.9240



141.2300, -31.6280, -43.5640



126.5120, -127.5050, -7.5130

Complementary

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



157.9730, 75.6920, 26.9240



209.0270, -75.6920, -26.9240

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.



130.9170, -124.7520, -18.8640



157.9730, 75.6920, 26.9240



123.9340, -98.2000, -48.5360

Square

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



157.9730, 75.6920, 26.9240



149.6090, 18.7130, -36.2870



129.5200, -113.9290, -33.2970



160.0580, -31.1370, 30.1670

Rectangle

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



157.9730, 75.6920, 26.9240



155.5380, 62.1740, -14.4500



129.5200, -113.9290, -33.2970



129.1050, -127.9170, -11.0610

Sweetspot

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



157.9730, 75.6920, 26.9240



228.3620, 22.6480, 8.0560



171.8530, 33.7330, 65.9970



111.8770, 13.7080, 4.8760



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.



157.9730, 75.6920, 26.9240



144.2420, 94.1680, 33.4960



193.7800, 58.9170, -4.9790



113.5880, 7.1520, 2.5440



55.6140, 110.8560, 39.4320



17.6410, 35.1640, 12.5080

Inverse Universe

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



157.9730, 75.6920, 26.9240



144.2420, 94.1680, 33.4960



173.2200, -58.9170, 4.9790



113.5880, 7.1520, 2.5440



55.6140, 110.8560, 39.4320



17.6410, 35.1640, 12.5080

Previews

White Background



This preview shows how the YIQ color 157.9730, 75.6920, 26.9240 looks on a white background.

Color Contrast Check

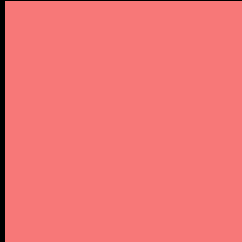
Large Text (above 18pt) WCAG AA × Fail

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 157.9730, 75.6920, 26.9240 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 157.9730, 75.6920, 26.9240

Background



This preview shows how black text looks on a background with the YIQ color 157.9730, 75.6920, 26.9240.



This preview shows how white text looks on a background with the YIQ color 157.9730, 75.6920,

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

157.9730, 75.6920, 26.9240

Protanopia

158.9980, 11.5090, -4.8350

Deuteranopia

159.4320, 33.6540, -4.1860



Tritanopia

158.4830, 74.3160, 29.8360

Trichromacy



Original Color

157.9730, 75.6920, 26.9240

Protanomaly

158.6530, 34.8900, 6.4580

Deuteranomaly

158.8950, 48.8280, 7.1640

Tritanomaly

158.1410, 75.2790, 28.9030

Monochromacy



Original Color

157.9730, 75.6920, 26.9240

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

157.7540, 27.4160, 9.7520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.9730, 75.6920, 26.9240 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(247, 120, 120)` looks like.

```
.text, #text, p{  
    color:rgb(247, 120, 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(247, 120, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 120, 120) }
```

Border

The CSS property to change the border of an element to YIQ 157.9730, 75.6920, 26.9240 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(247, 120, 120) }
```


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

```
.border{ border-color:rgb(247, 120, 120) }
```

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

Here you see how a box with a 4 pixel rgb(247, 120, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 120, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 120, 120);  
box-shadow:4px 4px 4px 4px rgb(247, 120,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 157.9730, 75.6920, 26.9240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 120, 120) }
```

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

```
.background{ background-color: rgb(247,  
120, 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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