

Converting Colors

YIQ(159.9720, 77.4330, 33.9210)

Have a look what the booklet for
YIQ(159.9720, 77.4330, 33.9210)
contains.

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Color

**YIQ(159.9720, 77.4330,
33.9210)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7584
RGB	255, 117, 132
RGB Percent	100%, 46%, 52%
CMY	0.0000, 0.5414, 0.4821
CMYK	0.00, 0.54, 0.48, 0.00
HSL	353°, 100%, 73%
HSV	353°, 54%, 100%
XYZ	51.7646, 35.6371, 26.0072
YIQ	159.9720, 77.4330, 33.9210

Conversions

Conversions Part 2

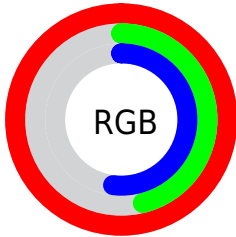
Format	Color
R_{YB}	255, 117, 132
Decimal	16741764
CIE _{Lab}	66.24, 53.83, 17.70
CIE _{LCh}	66, 56.667, 18.206
Yxy	35.6371, 0.4564, 0.3142
Android (android.graphics.Color)	4294931844 (0xFFFF7584)
YUV	159.9720, -13.7902, 83.3396
Hunter-Lab	59.6968, 50.3123, 15.9578

Details

The YIQ color **159.9720, 77.4330, 33.9210** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **212.0280, -77.4330, -33.9210**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **198.8860, 45.0200, 21.1160**, and **103.8620, 71.9310, 34.5150** is the 20% darker color. If you saturate the color by 10%, you get **142.0880, 91.9660, 40.3660**, and if you desaturate by 10%, it is **177.2690, 63.1750, 27.9990**.

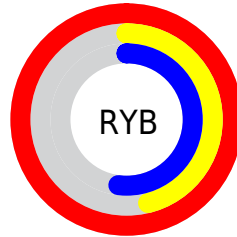
Distribution



Red (100%)

Green (46%)

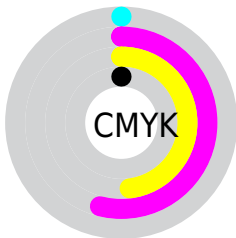
Blue (52%)



Red (100%)

Yellow (46%)

Blue (52%)

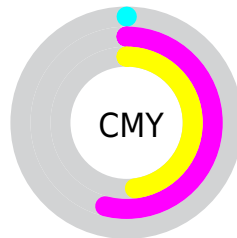


Cyan (0%)

Magenta (54%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (54%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.9720, 77.4330, 33.9210 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 159.9720, 77.4330, 33.9210 by changing the saturation by 10% instead.


 159.9720, 77.4330,
33.9210


 159.9720, 77.4330,
33.9210


255.0000, -0.0000,
-0.0000


 132.0040, 74.4070,
33.6950


 198.8860, 45.0200,
21.1160


 103.8620, 71.9310,
34.5150


 218.5140, 28.3320,
15.1800

 74.0730, 69.9590,
37.2150

 238.7290, 11.3690,
8.7210

 44.3980, 67.6660,
40.2260

 33.4470, 56.8020,
27.8580

 22.7240, 45.2960,
16.1120

 14.5800, 27.9660,

10.7980

■ 0.0000, 0.0000,
0.0000

■ 159.9720, 77.4330,
33.9210

■ 159.9720, 77.4330,
33.9210

■ 142.0880, 91.9660,
40.3660

■ 177.2690, 63.1750,
27.9990

■ 124.9050,
105.9030, 46.5990

■ 195.0390, 48.9630,
21.2430

■ 107.0210,
120.4360, 53.0440

■ 212.3360, 34.7050,
15.3210

■ 89.7240, 134.6940,
58.9660

■ 230.2200, 20.1720,
8.8760

■ 79.4370, 142.9920,
62.7680

■ 247.5170, 5.9140,
2.9540

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



163.0840, 54.2310, 46.9270



159.9720, 77.4330, 33.9210



159.1620, 78.8130, 8.9010

Triad

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



159.9720, 77.4330, 33.9210



144.9340, -19.1110, -44.6390



130.0340, -129.1550, -10.6510

Complementary

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



159.9720, 77.4330, 33.9210



212.0280, -77.4330, -33.9210

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.



133.7380, -125.8060, -21.7900



159.9720, 77.4330, 33.9210



124.4410, -95.4940, -53.5260

Square

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



159.9720, 77.4330, 33.9210



152.6550, 30.2670, -36.4290



130.9560, -112.4610, -37.8770



158.9140, -48.4670, 24.8530

Rectangle

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



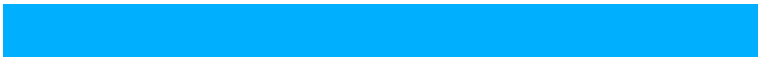
159.9720, 77.4330, 33.9210



157.8920, 70.1050, -9.5030



130.9560, -112.4610, -37.8770



132.3820, -130.2550, -12.7430

Sweetspot

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



159.9720, 77.4330, 33.9210



226.8290, 22.8310, 10.2470



169.2100, 28.4140, 68.7820



110.8170, 13.9370, 6.2330



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.



159.9720, 77.4330, 33.9210



140.6860, 93.1580, 40.7900



189.3730, 67.6730, 1.5370



119.0010, 7.4270, 3.0670



59.5030, 107.0950, 47.0230



19.9340, 35.8970, 15.7450

Inverse Universe

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



159.9720, 77.4330, 33.9210



140.6860, 93.1580, 40.7900



182.6270, -67.6730, -1.5370



119.0010, 7.4270, 3.0670



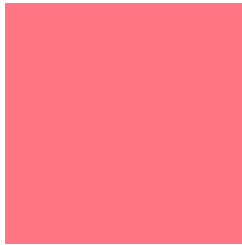
59.5030, 107.0950, 47.0230



19.9340, 35.8970, 15.7450

Previews

White Background



This preview shows how the YIQ color 159.9720, 77.4330, 33.9210 looks on a white background.

Color Contrast Check

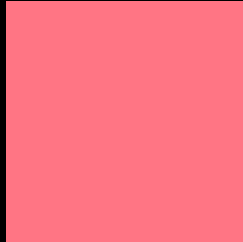
Large Text (above 18pt) WCAG AA × Fail

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 159.9720, 77.4330, 33.9210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

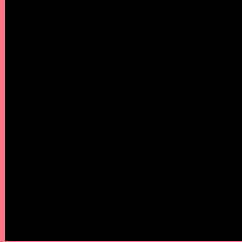
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.9720, 77.4330, 33.9210

Background



This preview shows how black text looks on a background with the YIQ color 159.9720, 77.4330, 33.9210.



This preview shows how white text looks on a background with the YIQ color 159.9720, 77.4330,

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

159.9720, 77.4330, 33.9210

Protanopia

161.6970, 5.2270, -1.1170

Deuteranopia

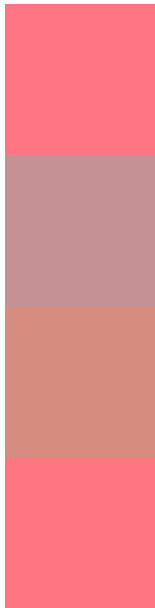
161.8600, 29.5730, -1.8110



Tritanopia

159.8750, 79.0840, 31.5320

Trichromacy



Original Color

159.9720, 77.4330, 33.9210

Protanomaly

160.9610, 31.2670, 11.5470

Deuteranomaly

161.0460, 47.0850, 11.2210

Tritanomaly

160.1030, 78.4420, 32.1540

Monochromacy



Original Color

159.9720, 77.4330, 33.9210

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

159.9330, 28.4700, 12.6780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.9720, 77.4330, 33.9210 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(255, 117, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 132)  
}
```

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(255, 117, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 132) }
```

Border

The CSS property to change the border of an element to YIQ 159.9720, 77.4330, 33.9210 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(255, 117, 132) }
```


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

```
.border{ border-color:rgb(255, 117, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 117, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 159.9720, 77.4330, 33.9210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 132) }
```

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

```
.background{ background-color: rgb(255,  
117, 132) }
```

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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