

Converting Colors

YIQ(163.7770, 73.3080, 26.0760)

Have a look what the booklet for
YIQ(163.7770, 73.3080, 26.0760)
contains.

YIQ(163.7770, 73.3080, 26.0760)	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(163.7770, 73.3080,
26.0760)**

Conversions

Conversions Part 1

Format	Color
Hex	FA7F7F
RGB	250, 127, 127
RGB Percent	98%, 50%, 50%
CMY	0.0193, 0.5021, 0.5017
CMYK	0.00, 0.49, 0.49, 0.02
HSL	360°, 93%, 74%
HSV	360°, 49%, 98%
XYZ	50.8694, 37.0374, 24.5719
YIQ	163.7770, 73.3080, 26.0760

Conversions

Conversions Part 2

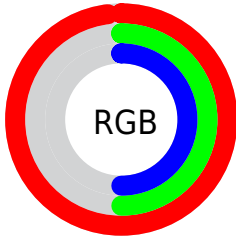
Format	Color
R _Y B	250, 127, 127
Decimal	16416639
CIE Lab	67.31, 46.88, 21.86
CIE LCh	67, 51.728, 25.004
Yxy	37.0374, 0.4523, 0.3293
Android (android.graphics.Color)	4294606719 (0xFFFA7F7F)
YUV	163.7770, -18.1311, 75.6176
Hunter-Lab	60.8584, 42.6998, 18.6622

Details

The YIQ color **163.7770, 73.3080, 26.0760** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **213.2230, -73.3080, -26.0760**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.5990, 44.1500, 14.8540**, and **108.8410, 67.2560, 25.6240** is the 20% darker color. If you saturate the color by 10%, you get **146.2520, 88.2080, 31.3760**, and if you desaturate by 10%, it is **181.3020, 58.4080, 20.7760**.

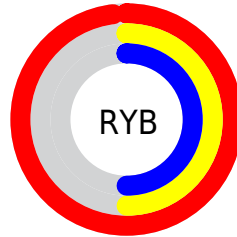
Distribution



Red (98%)

Green (50%)

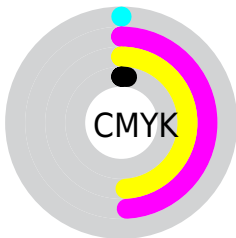
Blue (50%)



Red (98%)

Yellow (50%)

Blue (50%)

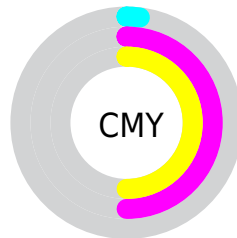


Cyan (0%)

Magenta (49%)

Yellow (49%)

Black (2%)



Cyan (2%)

Magenta (50%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 163.7770, 73.3080, 26.0760 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 163.7770, 73.3080, 26.0760 by changing the saturation by 10% instead.


 163.7770, 73.3080,
26.0760


 163.7770, 73.3080,
26.0760


255.0000, -0.0000,
-0.0000


 135.8090, 70.2820,
25.8500


 203.5990, 44.1500,
14.8540


 108.8410, 67.2560,
25.6240


 223.1130, 27.7830,
8.6070

 81.6990, 64.7800,
26.4440

 243.4420, 10.4990,
2.4590

 51.5510, 62.4410,
30.2890

 31.6810, 56.0230,
25.4550

 21.8270, 43.5080,
15.4760

 14.2810, 27.3700,

10.5860

■ 0.0000, 0.0000,
0.0000

■ 163.7770, 73.3080,
26.0760

■ 163.7770, 73.3080,
26.0760

■ 146.2520, 88.2080,
31.3760

■ 181.3020, 58.4080,
20.7760

■ 128.7270,
103.1080, 36.6760

■ 198.8270, 43.5080,
15.4760

■ 111.2020,
118.0080, 41.9760

■ 216.3520, 28.6080,
10.1760

■ 93.6770, 132.9080,
47.2760

■ 233.8770, 13.7080,
4.8760

■ 76.1520, 147.8080,
52.5760

■ 251.4020, -1.1920,
-0.4240

■ 74.7500, 149.0000,
53.0000

■ 253.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



165.8790, 56.0660, 41.2020



163.7770, 73.3080, 26.0760



162.1670, 71.2490, 2.8090

Triad

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



163.7770, 73.3080, 26.0760



147.2520, -28.6940, -41.6700



142.3040, -103.2520, -1.0120

Complementary

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



163.7770, 73.3080, 26.0760



213.2230, -73.3080, -26.0760

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.



134.0800, -126.7690, -20.8570



163.7770, 73.3080, 26.0760



127.3250, -100.8590, -49.9070

Square

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



163.7770, 73.3080, 26.0760



155.5490, 18.9420, -34.9300



132.7970, -116.2670, -34.9790



165.3030, -30.4490, 28.7110

Rectangle

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



163.7770, 73.3080, 26.0760



161.1080, 60.5690, -12.8950



132.7970, -116.2670, -34.9790



131.5670, -129.3380, -12.8420

Sweetspot

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



163.7770, 73.3080, 26.0760



228.3620, 22.6480, 8.0560



177.2010, 32.6330, 63.9050



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.



163.7770, 73.3080, 26.0760



149.8500, 89.4000, 31.8000



198.4100, 57.0830, -4.7810



115.8870, 7.7480, 2.7560



56.5110, 112.6440, 40.0680



18.2390, 36.3560, 12.9320

Inverse Universe

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



163.7770, 73.3080, 26.0760



149.8500, 89.4000, 31.8000



178.5900, -57.0830, 4.7810



115.8870, 7.7480, 2.7560



56.5110, 112.6440, 40.0680



18.2390, 36.3560, 12.9320

Previews

White Background



This preview shows how the YIQ color 163.7770, 73.3080, 26.0760 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 163.7770, 73.3080, 26.0760 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 163.7770, 73.3080, 26.0760

Background



This preview shows how black text looks on a background with the YIQ color 163.7770, 73.3080, 26.0760.



This preview shows how white text looks on a background with the YIQ color 163.7770, 73.3080,

26.0760.

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

163.7770, 73.3080, 26.0760

Protanopia

164.2260, 10.8670, -4.2130

Deuteranopia

164.0730, 33.2870, -3.0410



Tritanopia

164.4010, 71.6110, 29.2990

Trichromacy



Original Color

163.7770, 73.3080, 26.0760

Protanomaly

164.1690, 33.3770, 6.3450

Deuteranomaly

163.8240, 47.5900, 7.5740

Tritanomaly

164.0590, 72.5740, 28.3660

Monochromacy



Original Color

163.7770, 73.3080, 26.0760

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

164.1560, 26.2240, 9.3280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.7770, 73.3080, 26.0760 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(250, 127, 127)` looks like.

```
.text, #text, p{  
    color:rgb(250, 127, 127)  
}
```

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(250, 127, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 127, 127) }
```

Border

The CSS property to change the border of an element to YIQ 163.7770, 73.3080, 26.0760 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(250, 127, 127) }
```


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

```
.border{ border-color:rgb(250, 127, 127) }
```

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

Here you see how a box with a 4 pixel rgb(250, 127, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 127, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 127, 127);  
box-shadow:4px 4px 4px 4px rgb(250, 127,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 163.7770, 73.3080, 26.0760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 127, 127) }
```

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

```
.background{ background-color: rgb(250,  
127, 127) }
```

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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