

Converting Colors

YIQ(168.7140, 77.6190, 19.5310)

Have a look what the booklet for
YIQ(168.7140, 77.6190, 19.5310)
contains.

YIQ(168.7140, 77.6190, 19.5310)	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(168.7140, 77.6190,
19.5310)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8774
RGB	255, 135, 116
RGB Percent	100%, 53%, 45%
CMY	0.0000, 0.4708, 0.5448
CMYK	0.00, 0.47, 0.54, 0.00
HSL	8°, 100%, 73%
HSV	8°, 54%, 100%
XYZ	53.0541, 39.8367, 21.4411
YIQ	168.7140, 77.6190, 19.5310

Conversions

Conversions Part 2

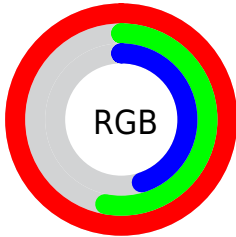
Format	Color
R_{YB}	255, 138, 116
Decimal	16746356
CIE _{Lab}	69.35, 43.78, 30.80
CIE _{LCh}	69, 53.533, 35.129
Yxy	39.8367, 0.4640, 0.3484
Android (android.graphics.Color)	4294936436 (0xFFFF8774)
YUV	168.7140, -25.9880, 75.6728
Hunter-Lab	63.1163, 39.5893, 24.0402

Details

The YIQ color **168.7140, 77.6190, 19.5310** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **202.2860, -77.6190, -19.5310**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **206.9270, 45.8020, 6.9380**, and **113.7780, 71.5670, 19.0790** is the 20% darker color. If you saturate the color by 10%, you get **152.9500, 91.6940, 23.2620**, and if you desaturate by 10%, it is **184.5920, 63.2230, 16.1110**.

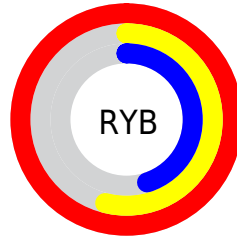
Distribution



Red (100%)

Green (53%)

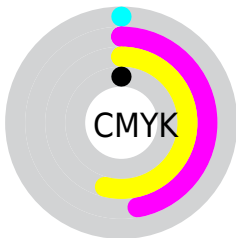
Blue (45%)



Red (100%)

Yellow (54%)

Blue (45%)

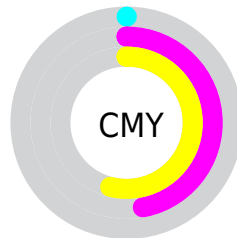


Cyan (0%)

Magenta (47%)

Yellow (54%)

Black (0%)



Cyan (0%)

Magenta (47%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.7140, 77.6190, 19.5310 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 168.7140, 77.6190, 19.5310 by changing the saturation by 10% instead.

168.7140, 77.6190,
19.5310

168.7140, 77.6190,
19.5310

255.0000, -0.0000,
-0.0000

140.7460, 74.5930,
19.3050

206.9270, 45.8020,
6.9380

113.8920, 71.2460,
19.3900

227.1420, 28.8390,
0.4790

87.0380, 67.8990,
19.4750

247.3570, 11.8760,
-5.9800

59.2380, 64.4600,
21.2280

254.6580, 0.9630,
-0.9330

31.3950, 62.5800,
22.2600

22.7240, 45.2960,
16.1120

15.4770, 29.7540,

11.4340

■ 0.0000, 0.0000,
0.0000

■ 168.7140, 77.6190,
19.5310

■ 168.7140, 77.6190,
19.5310

■ 152.9500, 91.6940,
23.2620

■ 184.5920, 63.2230,
16.1110

■ 137.0720,
106.0900, 26.6820

■ 200.3560, 49.1480,
12.3800

■ 121.3080,
120.1650, 30.4130

■ 216.2340, 34.7520,
8.9600

■ 105.4300,
134.5610, 33.8330

■ 231.9980, 20.6770,
5.2290

■ 96.7900, 142.3550,
35.7550

■ 247.8760, 6.2810,
1.8090

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.



169.3760, 64.7320, 38.3320



168.7140, 77.6190, 19.5310



167.2280, 69.2790, -5.5450

Triad

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



168.7140, 77.6190, 19.5310



146.9270, -52.7640, -45.9800



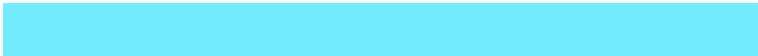
158.7380, -71.9390, 9.7010

Complementary

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



168.7140, 77.6190, 19.5310



202.2860, -77.6190, -19.5310

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.



137.6650, -132.7300, -17.4500



168.7140, 77.6190, 19.5310



133.9420, -109.8460, -46.7260

Square

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



168.7140, 77.6190, 19.5310



158.7860, 4.9130, -39.4950



138.2400, -124.7040, -30.7520



173.2130, -12.3400, 36.4280

Rectangle

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



168.7140, 77.6190, 19.5310



165.1300, 54.3350, -21.0650



138.2400, -124.7040, -30.7520



145.5270, -105.4980, -4.3620

Sweetspot

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



168.7140, 77.6190, 19.5310



229.7810, 22.7860, 5.5540



171.2410, 44.3240, 66.7880



112.8230, 13.8000, 3.2080



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.



168.7140, 77.6190, 19.5310



152.1350, 92.6110, 23.1630



209.2170, 58.6440, -16.5560



119.4740, 7.4730, 2.2330



72.3710, 106.6860, 26.8940



24.4190, 35.6690, 8.8610

Inverse Universe

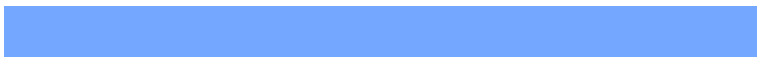
The Inverse Universe completely reimagines the original color for something new.



202.2860, -77.6190, -19.5310



191.8650, -92.6110, -23.1630



161.7830, -58.6440, 16.5560



122.9390, -7.1980, -1.7100



118.6290, -106.6860, -26.8940



39.5810, -35.6690, -8.8610

Previews

White Background



This preview shows how the YIQ color 168.7140, 77.6190, 19.5310 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 168.7140, 77.6190, 19.5310 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 168.7140, 77.6190, 19.5310

Background



This preview shows how black text looks on a background with the YIQ color 168.7140, 77.6190, 19.5310.



This preview shows how white text looks on a background with the YIQ color 168.7140, 77.6190,

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

168.7140, 77.6190, 19.5310

Protanopia

168.8430, 19.0750, -9.7970

Deuteranopia

168.7440, 41.4030, -6.9570



Tritanopia

169.9170, 70.0980, 29.1860

Trichromacy



Original Color

168.7140, 77.6190, 19.5310

Protanomaly

168.7150, 40.3470, 1.1710

Deuteranomaly

168.7830, 54.8350, 2.9230

Tritanomaly

169.4780, 72.7120, 25.8640

Monochromacy



Original Color

168.7140, 77.6190, 19.5310

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

169.0590, 27.8750, 6.9390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.7140, 77.6190, 19.5310 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, 135, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 116)  
}
```

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, 135, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 116) }
```

Border

The CSS property to change the border of an element to YIQ 168.7140, 77.6190, 19.5310 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, 135, 116) }
```


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

```
.border{ border-color:rgb(255, 135, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 135, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 116);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 168.7140, 77.6190, 19.5310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 135, 116) }
```

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

```
.background{ background-color: rgb(255,  
135, 116) }
```

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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