

Converting Colors

YIQ(166.4630, 77.0680, 24.0120)

Have a look what the booklet for
YIQ(166.4630, 77.0680, 24.0120)
contains.

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Color

**YIQ(166.4630, 77.0680,
24.0120)**

Conversions

Conversions Part 1

Format	Color
Hex	FF827A
RGB	255, 130, 122
RGB Percent	100%, 51%, 48%
CMY	0.0000, 0.4904, 0.5213
CMYK	0.00, 0.49, 0.52, 0.00
HSL	4°, 100%, 74%
HSV	4°, 52%, 100%
XYZ	52.7334, 38.6184, 23.1130
YIQ	166.4630, 77.0680, 24.0120

Conversions

Conversions Part 2

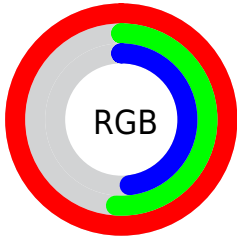
Format	Color
R_{YB}	255, 131, 122
Decimal	16745082
CIE _{Lab}	68.47, 46.74, 26.34
CIE _{LCh}	68, 53.651, 29.402
Yxy	38.6184, 0.4607, 0.3374
Android (android.graphics.Color)	4294935162 (0xFFFF827A)
YUV	166.4630, -21.9203, 77.6469
Hunter-Lab	62.1437, 42.7187, 21.4490

Details

The YIQ color **166.4630, 77.0680, 24.0120** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **210.5370, -77.0680, -24.0120**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.6760, 45.2510, 11.4190**, and **111.5270, 71.0160, 23.5600** is the 20% darker color. If you saturate the color by 10%, you get **149.5250, 91.6930, 28.7890**, and if you desaturate by 10%, it is **183.5150, 62.1220, 19.5460**.

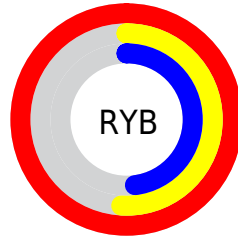
Distribution



Red (100%)

Green (51%)

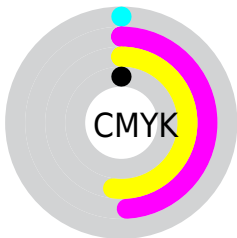
Blue (48%)



Red (100%)

Yellow (51%)

Blue (48%)

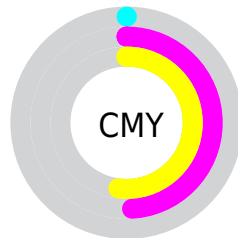


Cyan (0%)

Magenta (49%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 166.4630, 77.0680, 24.0120 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 166.4630, 77.0680, 24.0120 by changing the saturation by 10% instead.


 166.4630, 77.0680,
24.0120


 166.4630, 77.0680,
24.0120


255.0000, -0.0000,
-0.0000


 138.4950, 74.0420,
23.7860


 204.7900, 44.9300,
11.7300


 111.5270, 71.0160,
23.5600


 224.8910, 28.2880,
4.9600

 84.2000, 67.6230,
24.4790

 245.1060, 11.3250,
-1.4990

 54.5250, 65.3300,
27.4900

 32.0790, 60.6540,
24.1260

 22.7240, 45.2960,
16.1120

 15.1780, 29.1580,

11.2220

■ 0.0000, 0.0000,
0.0000

■ 166.4630, 77.0680,
24.0120

■ 166.4630, 77.0680,
24.0120

■ 149.5250, 91.6930,
28.7890

■ 183.5150, 62.1220,
19.5460

■ 132.4730,
106.6390, 33.2550

■ 200.4530, 47.4970,
14.7690

■ 115.5350,
121.2640, 38.0320

■ 217.5050, 32.5510,
10.3030

■ 98.4830, 136.2100,
42.4980

■ 234.4430, 17.9260,
5.5260

■ 85.0500, 147.8550,
46.2150

■ 251.4950, 2.9800,
1.0600

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.



168.7010, 62.4390, 41.3430



166.4630, 77.0680, 24.0120



164.9450, 71.7540, -0.8380

Triad

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



166.4630, 77.0680, 24.0120



147.8100, -39.1930, -44.1290



149.4690, -90.4150, 3.1290

Complementary

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



166.4630, 77.0680, 24.0120



210.5370, -77.0680, -24.0120

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.



137.0950, -131.1250, -19.0050



166.4630, 77.0680, 24.0120



130.8130, -105.1690, -48.8890

Square

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



166.4630, 77.0680, 24.0120



157.3310, 13.6240, -37.6720



135.8120, -120.6230, -33.1270



169.9450, -23.3890, 32.9230

Rectangle

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



166.4630, 77.0680, 24.0120



163.1030, 58.9650, -16.8670



135.8120, -120.6230, -33.1270



132.9690, -130.5300, -13.2660

Sweetspot

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



166.4630, 77.0680, 24.0120



228.0200, 23.6110, 7.1230



176.1310, 38.8220, 67.3820



111.6490, 14.3500, 4.2540



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.



166.4630, 77.0680, 24.0120



148.0090, 93.2060, 28.9020



204.6180, 59.1930, -9.9830



119.4740, 7.4730, 2.2330



63.5660, 110.8110, 34.7390



21.4840, 37.0440, 11.4760

Inverse Universe

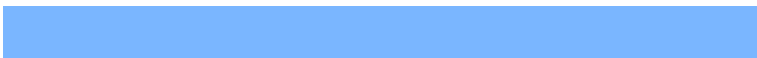
The Inverse Universe completely reimagines the original color for something new.



210.5370, -77.0680, -24.0120



200.9910, -93.2060, -28.9020



172.3820, -59.1930, 9.9830



123.5260, -7.4730, -2.2330



127.4340, -110.8110, -34.7390



42.5160, -37.0440, -11.4760

Previews

White Background



This preview shows how the YIQ color 166.4630, 77.0680, 24.0120 looks on a white background.

Color Contrast Check

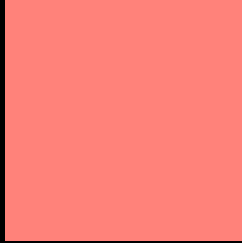
Large Text (above 18pt) WCAG AA × Fail

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 166.4630, 77.0680, 24.0120 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 166.4630, 77.0680, 24.0120

Background



This preview shows how black text looks on a background with the YIQ color 166.4630, 77.0680, 24.0120.



This preview shows how white text looks on a background with the YIQ color 166.4630, 77.0680,

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

166.4630, 77.0680, 24.0120

Protanopia

166.7980, 14.9480, -6.5880

Deuteranopia

167.0580, 37.6430, -4.8930



Tritanopia

166.9990, 72.8030, 29.7230

Trichromacy



Original Color

166.4630, 77.0680, 24.0120



Protanomaly

166.8550, 37.1370, 4.2810



Deuteranomaly

166.8090, 51.9460, 5.7220



Tritanomaly

167.0160, 74.1330, 27.6450

Monochromacy



Original Color

166.4630, 77.0680, 24.0120



Achromatopsia

166.0000, -0.0000, 0.0000



Achromatomaly

166.1130, 27.7830, 8.6070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.4630, 77.0680, 24.0120 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, 130, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 122)  
}
```

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, 130, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 122) }
```

Border

The CSS property to change the border of an element to YIQ 166.4630, 77.0680, 24.0120 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, 130, 122) }
```


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

```
.border{ border-color:rgb(255, 130, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 130, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 130, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 130, 122); box-shadow:4px 4px 4px 4px rgb(255, 130, 122) }
```

Background

The CSS property to change the background color of an element to YIQ 166.4630, 77.0680, 24.0120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 122) }
```

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

```
.background{ background-color: rgb(255,  
130, 122) }
```

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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