

Converting Colors

YIQ(162.0630, 83.9460, 20.5060)

Have a look what the booklet for
YIQ(162.0630, 83.9460, 20.5060)
contains.

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Color

**YIQ(162.0630, 83.9460,
20.5060)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7E68
RGB	255, 126, 104
RGB Percent	100%, 49%, 41%
CMY	0.0000, 0.5061, 0.5918
CMYK	0.00, 0.51, 0.59, 0.00
HSL	9°, 100%, 70%
HSV	9°, 59%, 100%
XYZ	51.1971, 37.1691, 17.5965
YIQ	162.0630, 83.9460, 20.5060

Conversions

Conversions Part 2

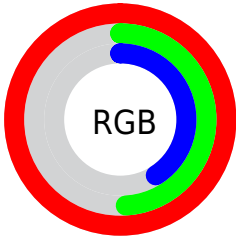
Format	Color
R_{YB}	255, 130, 104
Decimal	16744040
CIE _{Lab}	67.40, 47.32, 34.86
CIE _{LCh}	67, 58.778, 36.376
Yxy	37.1691, 0.4832, 0.3508
Android (android.graphics.Color)	4294934120 (0xFFFF7E68)
YUV	162.0630, -28.6251, 81.5057
Hunter-Lab	60.9665, 43.2056, 25.5639

Details

The YIQ color **162.0630, 83.9460, 20.5060** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **196.9370, -83.9460, -20.5060**, and the grayscale version is **162.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **200.2760, 52.1290, 7.9130**, and **106.9420, 76.9770, 20.1530** is the 20% darker color. If you saturate the color by 10%, you get **146.2990, 98.0210, 24.2370**, and if you desaturate by 10%, it is **177.9410, 69.5500, 17.0860**.

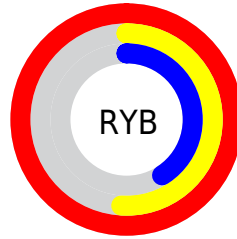
Distribution



Red (100%)

Green (49%)

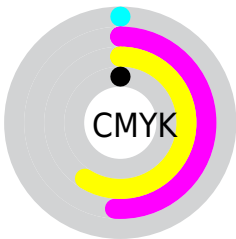
Blue (41%)



Red (100%)

Yellow (51%)

Blue (41%)

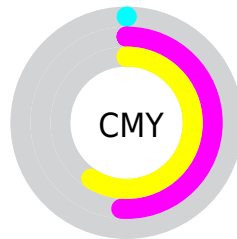


Cyan (0%)

Magenta (51%)

Yellow (59%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 162.0630, 83.9460, 20.5060 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 162.0630, 83.9460, 20.5060 by changing the saturation by 10% instead.


 162.0630, 83.9460,
20.5060

 162.0630, 83.9460,
20.5060


255.0000, -0.0000,
-0.0000


 134.2090, 80.5990,
20.5910


 200.2760, 52.1290,
7.9130


 106.9420, 76.9770,
20.1530


 219.7900, 35.7620,
1.6660


 79.0280, 73.8590,
21.5950

 239.8910, 19.1200,
-5.1040

 47.9940, 71.1990,
25.7510

 253.1760, 5.1360,
-4.9760

 30.7970, 61.3880,
21.8360

 22.1260, 44.1040,
15.6880

 14.2810, 27.3700,

10.5860

■ 0.0000, 0.0000,
0.0000

■ 162.0630, 83.9460,
20.5060

■ 162.0630, 83.9460,
20.5060

■ 146.2990, 98.0210,
24.2370

■ 177.9410, 69.5500,
17.0860

■ 130.4210,
112.4170, 27.6570

■ 193.7050, 55.4750,
13.3550

■ 115.2440,
126.2170, 30.8650

■ 208.9960, 41.3540,
10.4580

■ 99.3660, 140.6130,
34.2850

■ 224.7600, 27.2790,
6.7270

■ 97.9640, 141.8050,
34.7090

■ 240.6380, 12.8830,
3.3070

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.



162.0070, 70.3250, 41.5970



162.0630, 83.9460, 20.5060



160.6860, 73.6810, -8.2310

Triad

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



162.0630, 83.9460, 20.5060



133.0170, -70.8730, -53.6970



149.8340, -81.0170, 9.0230

Complementary

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



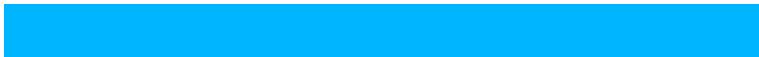
162.0630, 83.9460, 20.5060



196.9370, -83.9460, -20.5060

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.



135.3170, -131.6300, -15.3580



162.0630, 83.9460, 20.5060



131.3660, -108.1040, -45.2560

Square

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



162.0630, 83.9460, 20.5060



151.4820, 2.7130, -43.6790



136.1200, -124.2460, -28.0380



168.0330, -11.6530, 40.4990

Rectangle

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



162.0630, 83.9460, 20.5060



158.3490, 57.9120, -25.3200



136.1200, -124.2460, -28.0380



130.0340, -129.1550, -10.6510

Sweetspot

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



162.0630, 83.9460, 20.5060



226.8630, 25.4910, 6.0910



164.0830, 47.9450, 72.7530



110.6060, 15.9090, 3.5330



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.



162.0630, 83.9460, 20.5060



143.3810, 100.7260, 24.7740



205.5010, 63.5960, -18.1960



120.0610, 7.1980, 1.7100



73.5450, 106.1360, 25.8480



24.4190, 35.6690, 8.8610

Inverse Universe

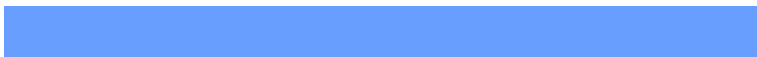
The Inverse Universe completely reimagines the original color for something new.



196.9370, -83.9460, -20.5060



185.6190, -100.7260, -24.7740



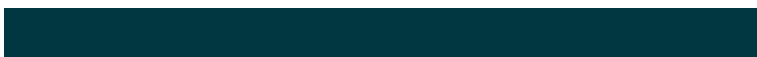
153.4990, -63.5960, 18.1960



122.9390, -7.1980, -1.7100



118.0420, -106.4110, -26.3710



39.5810, -35.6690, -8.8610

Previews

White Background



This preview shows how the YIQ color 162.0630, 83.9460, 20.5060 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 162.0630, 83.9460, 20.5060 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 162.0630, 83.9460, 20.5060

Background



This preview shows how black text looks on a background with the YIQ color 162.0630, 83.9460, 20.5060.



This preview shows how white text looks on a background with the YIQ color 162.0630, 83.9460,

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

162.0630, 83.9460, 20.5060

Protanopia

162.8710, 21.8720, -10.9280

Deuteranopia

163.1310, 44.5670, -9.2330



Tritanopia

163.4940, 75.7830, 30.7830

Trichromacy



Original Color

162.0630, 83.9460, 20.5060

Protanomaly

162.3410, 44.3360, 0.4640

Deuteranomaly

162.8820, 58.8700, 1.3820

Tritanomaly

162.9410, 78.7180, 27.1500

Monochromacy



Original Color

162.0630, 83.9460, 20.5060

Achromatopsia

162.0000, -0.0000, 0.0000

Achromatomaly

162.1410, 30.5800, 7.4760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.0630, 83.9460, 20.5060 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, 126, 104)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 104)  
}
```

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, 126, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 104) }
```

Border

The CSS property to change the border of an element to YIQ 162.0630, 83.9460, 20.5060 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, 126, 104) }
```


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

```
.border{ border-color:rgb(255, 126, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 126, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 126, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 126, 104);  
box-shadow:4px 4px 4px 4px rgb(255, 126,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 162.0630, 83.9460, 20.5060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 126, 104) }
```

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

```
.background{ background-color: rgb(255,  
126, 104) }
```

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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