

Converting Colors

YIQ(155.4120, 90.2730, 21.4810)

Have a look what the booklet for
YIQ(155.4120, 90.2730, 21.4810)
contains.

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Color

**YIQ(155.4120, 90.2730,
21.4810)**

Conversions

Conversions Part 1

Format	Color
Hex	FF755C
RGB	255, 117, 92
RGB Percent	100%, 46%, 36%
CMY	0.0000, 0.5414, 0.6388
CMYK	0.00, 0.54, 0.64, 0.00
HSL	9°, 100%, 68%
HSV	9°, 64%, 100%
XYZ	49.5305, 34.7434, 14.2429
YIQ	155.4120, 90.2730, 21.4810

Conversions

Conversions Part 2

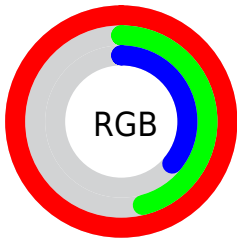
Format	Color
R _Y B	255, 122, 92
Decimal	16741724
CIE Lab	65.55, 50.86, 39.07
CIE LCh	66, 64.136, 37.536
Yxy	34.7434, 0.5028, 0.3527
Android (android.graphics.Color)	4294931804 (0xFFFF755C)
YUV	155.4120, -31.2621, 87.3387
Hunter-Lab	58.9436, 46.8430, 26.9339

Details

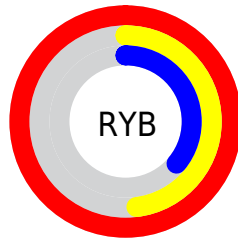
The YIQ color **155.4120, 90.2730, 21.4810** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **191.5880, -90.2730, -21.4810**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **193.5110, 58.7770, 8.5770**, and **99.5190, 82.6620, 21.7500** is the 20% darker color. If you saturate the color by 10%, you get **139.6480, 104.3480, 25.2120**, and if you desaturate by 10%, it is **171.2900, 75.8770, 18.0610**.

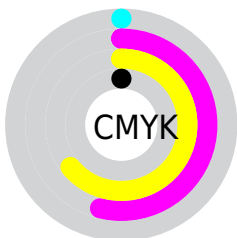
Distribution



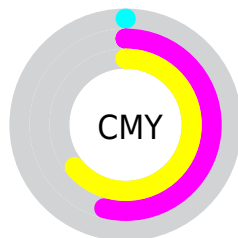
- Red (100%)
- Green (46%)
- Blue (36%)



- Red (100%)
- Yellow (48%)
- Blue (36%)



- Cyan (0%)
- Magenta (54%)
- Yellow (64%)
- Black (0%)





- Cyan (0%)
- Magenta (54%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 155.4120, 90.2730, 21.4810 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 155.4120, 90.2730, 21.4810 by changing the saturation by 10% instead.


 155.4120, 90.2730,
21.4810


 155.4120, 90.2730,
21.4810


255.0000, -0.0000,
-0.0000


 127.2590, 86.3300,
21.3540


 193.5110, 58.7770,
8.5770

 99.5190, 82.6620,
21.7500


 213.6120, 42.1350,
1.8070

 70.1320, 79.4980,
24.0260


 233.1260, 25.7680,
-4.4400

 39.1690, 78.0760,
27.7720

 251.5800, 9.6300,
-9.3300

 30.1990, 60.1960,
21.4120

254.8860, 0.3210,
-0.3110

 21.2290, 42.3160,
15.0520

 13.2700, 25.9030,

9.6390

■ 0.0000, 0.0000,
0.0000

■ 155.4120, 90.2730,
21.4810

■ 155.4120, 90.2730,
21.4810

■ 139.6480,
104.3480, 25.2120

■ 171.2900, 75.8770,
18.0610

■ 124.3570,
118.4690, 28.1090

■ 186.4670, 62.0770,
14.8530

■ 108.5930,
132.5440, 31.8400

■ 202.3450, 47.6810,
11.4330

■ 99.1380, 141.2550,
33.6630

■ 217.5220, 33.8810,
8.2250

■ 233.4000, 19.4850,
4.8050

249.1640, 5.4100,
1.0740

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.



154.0510, 76.1930, 45.3850



155.4120, 90.2730, 21.4810



154.3290, 79.0000, -11.0160

Triad

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



155.4120, 90.2730, 21.4810



120.8900, -86.8730, -61.0890



139.7230, -93.9460, 6.5500

Complementary

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



155.4120, 90.2730, 21.4810



191.5880, -90.2730, -21.4810

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.



132.9690, -130.5300, -13.2660



155.4120, 90.2730, 21.4810



129.4910, -106.9580, -43.9980

Square

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



155.4120, 90.2730, 21.4810



143.7650, 0.2380, -48.3860



134.5870, -124.0630, -25.8470



163.4400, -11.2410, 44.0470

Rectangle

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



155.4120, 90.2730, 21.4810



151.9980, 63.0940, -31.1300



134.5870, -124.0630, -25.8470



127.0990, -127.7800, -8.0360

Sweetspot

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



155.4120, 90.2730, 21.4810



225.4610, 26.6830, 6.5150



156.5830, 52.5290, 77.7850



109.9050, 16.5050, 3.7450



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.



155.4120, 90.2730, 21.4810



135.2140, 108.5660, 25.8620



202.9590, 67.9980, -20.8820



120.0610, 7.1980, 1.7100



74.1320, 105.8610, 25.3250



25.0060, 35.3940, 8.3380

Inverse Universe

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



191.5880, -90.2730, -21.4810



178.7860, -108.5660, -25.8620



144.0410, -67.9980, 20.8820



122.9390, -7.1980, -1.7100



116.8680, -105.8610, -25.3250



38.9940, -35.3940, -8.3380

Previews

White Background



This preview shows how the YIQ color 155.4120, 90.2730, 21.4810 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 155.4120, 90.2730, 21.4810 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 155.4120, 90.2730, 21.4810

Background



This preview shows how black text looks on a background with the YIQ color 155.4120, 90.2730, 21.4810.



This preview shows how white text looks on a background with the YIQ color 155.4120, 90.2730,

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

155.4120, 90.2730, 21.4810

Protanopia

157.3720, 24.7150, -12.8930

Deuteranopia

157.2190, 47.1350, -11.7210



Tritanopia

157.0710, 81.4680, 32.3800

Trichromacy



Original Color

155.4120, 90.2730, 21.4810

Protanomaly

156.8530, 48.6460, -0.5540

Deuteranomaly

156.5080, 62.8590, 0.6750

Tritanomaly

156.4040, 84.7240, 28.4360

Monochromacy



Original Color

155.4120, 90.2730, 21.4810

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

154.9240, 32.6890, 7.8010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.4120, 90.2730, 21.4810 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, 92)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 92)  
}
```

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, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 92) }
```

Border

The CSS property to change the border of an element to YIQ 155.4120, 90.2730, 21.4810 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, 92) }
```


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

```
.border{ border-color:rgb(255, 117, 92) }
```

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, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 92);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 155.4120, 90.2730, 21.4810 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, 92) }
```

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

```
.background{ background-color: rgb(255,  
117, 92) }
```

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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