

Converting Colors

YIQ(148.4650, 91.9220, 30.1460)

Have a look what the booklet for
YIQ(148.4650, 91.9220, 30.1460)
contains.

YIQ(148.4650, 91.9220, 30.1460)	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(148.4650, 91.9220,
30.1460)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6862
RGB	255, 104, 98
RGB Percent	100%, 41%, 38%
CMY	0.0000, 0.5924, 0.6153
CMYK	0.00, 0.59, 0.62, 0.00
HSL	2°, 100%, 69%
HSV	2°, 62%, 100%
XYZ	48.3930, 32.0315, 15.2107
YIQ	148.4650, 91.9220, 30.1460

Conversions

Conversions Part 2

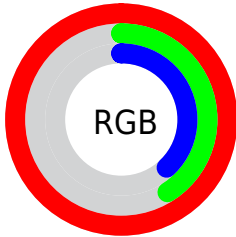
Format	Color
R _Y B	255, 104, 98
Decimal	16738402
CIE Lab	63.37, 57.15, 33.07
CIE LCh	63, 66.026, 30.055
Yxy	32.0315, 0.5060, 0.3349
Android (android.graphics.Color)	4294928482 (0xFFFF6862)
YUV	148.4650, -24.8792, 93.4312
Hunter-Lab	56.5964, 53.5837, 23.6828

Details

The YIQ color **148.4650, 91.9220, 30.1460** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **204.5350, -91.9220, -30.1460**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **187.1510, 60.1510, 16.7190**, and **90.2240, 85.4110, 32.5070** is the 20% darker color. If you saturate the color by 10%, you get **130.9400, 106.8220, 35.4460**, and if you desaturate by 10%, it is **165.5170, 76.9760, 25.6800**.

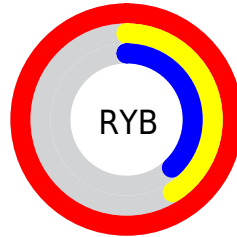
Distribution



Red (100%)

Green (41%)

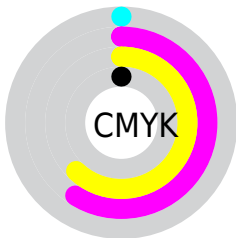
Blue (38%)



Red (100%)

Yellow (41%)

Blue (38%)

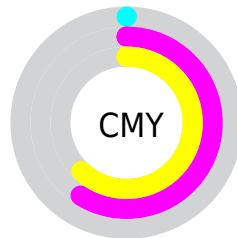


Cyan (0%)

Magenta (59%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (59%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.4650, 91.9220, 30.1460 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 148.4650, 91.9220, 30.1460 by changing the saturation by 10% instead.


 148.4650, 91.9220,
30.1460


 148.4650, 91.9220,
30.1460


255.0000, -0.0000,
-0.0000


 119.7250, 88.2540,
30.5420


 187.1510, 60.1510,
16.7190

 90.2240, 85.4110,
32.5070


 206.6650, 43.7840,
10.4720


 52.7330, 85.7760,
42.4160

 226.7660, 27.1420,
3.7020

 39.7820, 74.9120,
30.0480

 247.5680, 9.9040,
-3.2800

 29.9000, 59.6000,
21.2000

 21.3430, 41.9950,
15.3630

 12.3730, 24.1150,

9.0030

■ 0.0000, 0.0000,
0.0000

■ 148.4650, 91.9220,
30.1460

■ 148.4650, 91.9220,
30.1460

■ 130.9400,
106.8220, 35.4460

■ 165.5170, 76.9760,
25.6800

■ 113.8880,
121.7680, 39.9120

■ 183.0420, 62.0760,
20.3800

■ 96.3630, 136.6680,
45.2120

■ 200.6810, 46.8550,
15.3910

■ 82.1150, 149.2300,
48.8300

■ 217.6190, 32.2300,
10.6140

■ 235.2580, 17.0090,
5.6250

252.1960, 2.3840,
0.8480

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.



149.7940, 75.7790, 52.8910



148.4650, 91.9220, 30.1460



148.7800, 85.2800, -3.6800

Triad

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



148.4650, 91.9220, 30.1460



114.8820, -75.2270, -62.8990



122.9900, -125.8550, -4.3750

Complementary

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



148.4650, 91.9220, 30.1460



204.5350, -91.9220, -30.1460

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.



131.2080, -129.7050, -11.6970



148.4650, 91.9220, 30.1460



123.5750, -98.5670, -47.3910

Square

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



148.4650, 91.9220, 30.1460



139.5510, 15.4600, -48.9240



129.7140, -117.2310, -28.5190



155.5240, -29.2130, 39.3550

Rectangle

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



148.4650, 91.9220, 30.1460



146.1950, 72.9050, -27.2150



129.7140, -117.2310, -28.5190



126.5120, -127.5050, -7.5130

Sweetspot

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



148.4650, 91.9220, 30.1460



223.9280, 26.8660, 8.7060



162.2710, 44.7800, 80.5560



108.2580, 17.0090, 5.6250



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.



148.4650, 91.9220, 30.1460



126.6200, 110.7190, 36.4070



194.2510, 70.4720, -10.6480



118.8870, 7.7480, 2.7560



61.2180, 111.9110, 36.8310



20.3100, 37.5940, 12.5220

Inverse Universe

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



204.5350, -91.9220, -30.1460



194.3800, -110.7190, -36.4070



158.7490, -70.4720, 10.6480



123.5260, -7.4730, -2.2330



129.7820, -111.9110, -36.8310



43.1030, -37.3190, -11.9990

Previews

White Background



This preview shows how the YIQ color 148.4650, 91.9220, 30.1460 looks on a white background.

Color Contrast Check

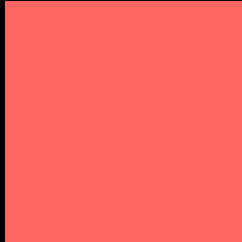
Large Text (above 18pt) WCAG AA × Fail

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 148.4650, 91.9220, 30.1460 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 148.4650, 91.9220, 30.1460

Background



This preview shows how black text looks on a background with the YIQ color 148.4650, 91.9220, 30.1460.



This preview shows how white text looks on a background with the YIQ color 148.4650, 91.9220,

30.1460.

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

148.4650, 91.9220, 30.1460

Protanopia

152.8860, 17.5160, -9.0760

Deuteranopia

152.5760, 41.8160, -8.9360



Tritanopia

149.1320, 88.6660, 34.0900

Trichromacy



Original Color

148.4650, 91.9220, 30.1460

Protanomaly

151.3890, 44.3810, 5.1570

Deuteranomaly

151.0010, 60.1530, 5.6650

Tritanomaly

148.6760, 89.9500, 32.8460

Monochromacy



Original Color

148.4650, 91.9220, 30.1460

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.2170, 33.4220, 11.0380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.4650, 91.9220, 30.1460 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, 104, 98)` looks like.

```
.text, #text, p{  
    color:rgb(255, 104, 98)  
}
```

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, 104, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 104, 98) }
```

Border

The CSS property to change the border of an element to YIQ 148.4650, 91.9220, 30.1460 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, 104, 98) }
```


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

```
.border{ border-color:rgb(255, 104, 98) }
```

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

Here you see how a box with a 4 pixel rgb(255, 104, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 104, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 104, 98);  
box-shadow:4px 4px 4px 4px rgb(255, 104,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 148.4650, 91.9220, 30.1460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 104, 98) }
```

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

```
.background{ background-color: rgb(255,  
104, 98) }
```

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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