

Converting Colors

YIQ(150.8130, 81.6540, 17.9900)

Have a look what the booklet for
YIQ(150.8130, 81.6540, 17.9900)
contains.

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Color

**YIQ(150.8130, 81.6540,
17.9900)**

Conversions

Conversions Part 1

Format	Color
Hex	F0755B
RGB	240, 117, 91
RGB Percent	94%, 46%, 36%
CMY	0.0585, 0.5413, 0.6428
CMYK	0.00, 0.51, 0.62, 0.06
HSL	10°, 83%, 65%
HSV	10°, 62%, 94%
XYZ	44.2065, 32.0050, 13.7650
YIQ	150.8130, 81.6540, 17.9900

Conversions

Conversions Part 2

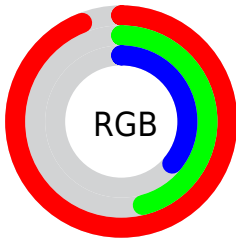
Format	Color
R _Y B	240, 122, 91
Decimal	15758683
CIE Lab	63.35, 45.38, 36.43
CIE LCh	63, 58.193, 38.754
Yxy	32.0050, 0.4913, 0.3557
Android (android.graphics.Color)	4293948763 (0xFFFF0755B)
YUV	150.8130, -29.4878, 78.2170
Hunter-Lab	56.5729, 40.4785, 25.1749

Details

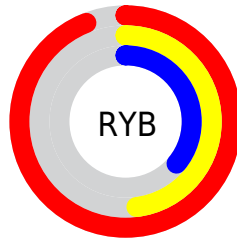
The YIQ color **150.8130, 81.6540, 17.9900** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **180.1870, -81.6540, -17.9900**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **192.8100, 59.3730, 8.7890**, and **95.8060, 74.3640, 17.9480** is the 20% darker color. If you saturate the color by 10%, you get **136.3370, 94.8580, 20.9860**, and if you desaturate by 10%, it is **165.2890, 68.4500, 14.9940**.

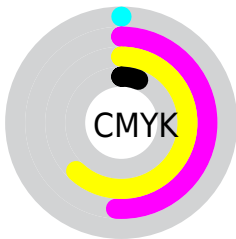
Distribution



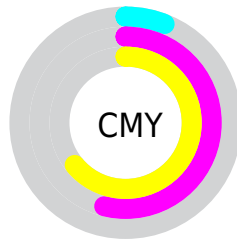
- Red (94%)
- Green (46%)
- Blue (36%)



- Red (94%)
- Yellow (48%)
- Blue (36%)



- Cyan (0%)
- Magenta (51%)
- Yellow (62%)
- Black (6%)





- Cyan (6%)
- Magenta (54%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 150.8130, 81.6540, 17.9900 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 150.8130, 81.6540, 17.9900 by changing the saturation by 10% instead.


 150.8130, 81.6540,
17.9900


 150.8130, 81.6540,
17.9900


255.0000, -0.0000,
-0.0000


 122.9590, 78.3070,
18.0750


 192.8100, 59.3730,
8.7890

 95.8060, 74.3640,
17.9480


 212.7970, 43.0520,
1.7080

 68.4790, 70.9710,
18.8670


 232.4250, 26.3640,
-4.2280

 35.5810, 70.9240,
25.2280

 251.4660, 9.9510,
-9.6410

 26.6110, 53.0440,
18.8680

254.7720, 0.6420,
-0.6220

 18.2390, 36.3560,
12.9320

 9.0840, 17.5590,

6.6710

■ 0.0000, 0.0000,
0.0000

■ 150.8130, 81.6540,
17.9900

■ 150.8130, 81.6540,
17.9900

■ 136.3370, 94.8580,
20.9860

■ 165.2890, 68.4500,
14.9940

■ 121.8610,
108.0620, 23.9820

■ 179.7650, 55.2460,
11.9980

■ 107.3850,
121.2660, 26.9780

■ 193.6540, 42.3170,
9.5250

■ 96.4140, 131.4900,
28.9140

■ 208.1300, 29.1130,
6.5290

■ 222.6060, 15.9090,
3.5330

■ 237.0820, 2.7050,
0.5370

■ 250.5150, -8.9400,
-3.1800

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



151.7470, 73.9930, 41.2010



150.8130, 81.6540, 17.9900



149.5500, 71.0680, -10.4360

Triad

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



150.8130, 81.6540, 17.9900



116.3080, -84.9940, -56.5940



142.4910, -78.3130, 15.0870

Complementary

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



150.8130, 81.6540, 17.9900



180.1870, -81.6540, -17.9900

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.



127.7030, -126.7250, -10.6370



150.8130, 81.6540, 17.9900



124.2250, -103.1530, -41.3690

Square

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



150.8130, 81.6540, 17.9900



140.0300, -1.8260, -44.0180



128.6370, -118.3320, -25.0840



157.4850, -7.1140, 40.8380

Rectangle

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



150.8130, 81.6540, 17.9900



147.4410, 54.6570, -26.9030



128.6370, -118.3320, -25.0840



122.9900, -125.8550, -4.3750

Sweetspot

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



150.8130, 81.6540, 17.9900



226.0480, 26.4080, 5.9920



149.6870, 49.0000, 70.1520



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.



150.8130, 81.6540, 17.9900



141.8820, 103.5690, 22.8090



193.6640, 61.5790, -20.1890



112.7620, 6.6020, 1.4980



73.8000, 100.8640, 22.2720



22.6140, 30.6260, 6.6420

Inverse Universe

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



180.1870, -81.6540, -17.9900



179.1180, -103.5690, -22.8090



137.3360, -61.5790, 20.1890



115.2380, -6.6020, -1.4980



110.2000, -100.8640, -22.2720



33.3860, -30.6260, -6.6420

Previews

White Background



This preview shows how the YIQ color 150.8130, 81.6540, 17.9900 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 150.8130, 81.6540, 17.9900 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 150.8130, 81.6540, 17.9900

Background



This preview shows how black text looks on a background with the YIQ color 150.8130, 81.6540, 17.9900.



This preview shows how white text looks on a background with the YIQ color 150.8130, 81.6540,

17.9900.

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

150.8130, 81.6540, 17.9900

Protanopia

152.0020, 22.8810, -12.6950

Deuteranopia

152.1910, 44.3380, -10.5900



Tritanopia

152.4830, 74.3160, 29.8360

Trichromacy



Original Color

150.8130, 81.6540, 17.9900

Protanomaly

151.8740, 44.1530, -1.7270

Deuteranomaly

151.6430, 58.0450, -0.1870

Tritanomaly

151.5170, 76.9760, 25.6800

Monochromacy



Original Color

150.8130, 81.6540, 17.9900

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

151.0160, 29.4340, 6.2180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.8130, 81.6540, 17.9900 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(240, 117, 91)` looks like.

```
.text, #text, p{  
    color:rgb(240, 117, 91)  
}
```

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(240, 117, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 117, 91) }
```

Border

The CSS property to change the border of an element to YIQ 150.8130, 81.6540, 17.9900 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(240, 117, 91) }
```


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

```
.border{ border-color:rgb(240, 117, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 117, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 117, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 117, 91);  
box-shadow:4px 4px 4px 4px rgb(240, 117,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 150.8130, 81.6540, 17.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 117, 91) }
```

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

```
.background{ background-color: rgb(240,  
117, 91) }
```

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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