

Converting Colors

YIQ(147.8950, 93.5270, 28.5910)

Have a look what the booklet for
YIQ(147.8950, 93.5270, 28.5910)
contains.

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Color

**YIQ(147.8950, 93.5270,
28.5910)**

Conversions

Conversions Part 1

Format	Color
Hex	FF685D
RGB	255, 104, 93
RGB Percent	100%, 41%, 36%
CMY	0.0000, 0.5924, 0.6349
CMYK	0.00, 0.59, 0.63, 0.00
HSL	4°, 100%, 68%
HSV	4°, 63%, 100%
XYZ	48.1640, 31.9399, 14.0049
YIQ	147.8950, 93.5270, 28.5910

Conversions

Conversions Part 2

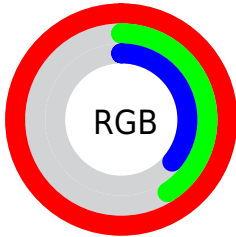
Format	Color
R _Y B	255, 105, 93
Decimal	16738397
CIE Lab	63.29, 56.84, 35.76
CIE LCh	63, 67.154, 32.170
Yxy	31.9399, 0.5118, 0.3394
Android (android.graphics.Color)	4294928477 (0xFFFF685D)
YUV	147.8950, -27.0632, 93.9311
Hunter-Lab	56.5154, 53.2208, 24.8683

Details

The YIQ color **147.8950, 93.5270, 28.5910** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **200.1050, -93.5270, -28.5910**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **186.5810, 61.7560, 15.1640**, and **89.6540, 87.0160, 30.9520** is the 20% darker color. If you saturate the color by 10%, you get **130.9570, 108.1520, 33.3680**, and if you desaturate by 10%, it is **164.9470, 78.5810, 24.1250**.

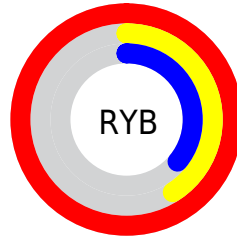
Distribution



Red (100%)

Green (41%)

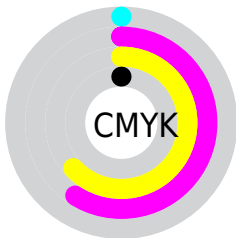
Blue (36%)



Red (100%)

Yellow (41%)

Blue (36%)

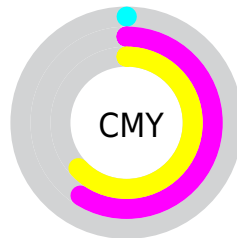


Cyan (0%)

Magenta (59%)

Yellow (63%)

Black (0%)



Cyan (0%)


Magenta (59%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 147.8950, 93.5270, 28.5910 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 147.8950, 93.5270, 28.5910 by changing the saturation by 10% instead.


 147.8950, 93.5270,
28.5910


 147.8950, 93.5270,
28.5910


255.0000, -0.0000,
-0.0000


 119.1550, 89.8590,
28.9870


 186.5810, 61.7560,
15.1640


 89.7680, 86.6950,
31.2630


 205.9810, 45.7100,
8.6060


 52.1630, 87.3810,
40.8610

 226.1960, 28.7470,
2.1470

 38.9840, 77.1590,
27.8710

 246.9980, 11.5090,
-4.8350

 29.9000, 59.6000,
21.2000

 21.0440, 41.3990,
15.1510

 12.3730, 24.1150,

9.0030

■ 0.0000, 0.0000,
0.0000

■ 147.8950, 93.5270,
28.5910

■ 147.8950, 93.5270,
28.5910

■ 130.9570,
108.1520, 33.3680

■ 164.9470, 78.5810,
24.1250

■ 113.9050,
123.0980, 37.8340

■ 181.8850, 63.9560,
19.3480

■ 97.5540, 137.4480,
42.0880

■ 198.3500, 49.2850,
15.4050

■ 86.2240, 147.3050,
45.1690

■ 215.2880, 34.6600,
10.6280

■ 232.3400, 19.7140,
6.1620

249.2780, 5.0890,
1.3850

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.



148.0500, 77.9340, 52.3820



147.8950, 93.5270, 28.5910



148.0850, 85.7390, -6.4930

Triad

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



147.8950, 93.5270, 28.5910



114.6150, -78.8490, -63.3370



122.4030, -125.5800, -3.8520

Complementary

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



147.8950, 93.5270, 28.5910



200.1050, -93.5270, -28.5910

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



147.8950, 93.5270, 28.5910



124.0310, -99.8510, -46.1470

Square

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



147.8950, 93.5270, 28.5910



138.3440, 11.6090, -50.7190



130.1700, -118.5150, -27.2750



155.5570, -24.8120, 42.1960

Rectangle

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



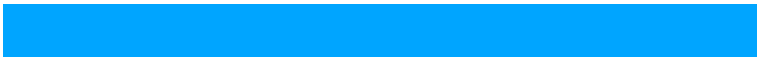
147.8950, 93.5270, 28.5910



144.7450, 74.0520, -31.4840



130.1700, -118.5150, -27.2750



125.9250, -127.2300, -6.9900

Sweetspot

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



147.8950, 93.5270, 28.5910



223.1130, 27.7830, 8.6070



158.6520, 48.0810, 81.3050



108.1440, 17.3300, 5.3140



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.



147.8950, 93.5270, 28.5910



126.6370, 112.0490, 34.3290



195.4420, 71.2520, -13.7720



119.4740, 7.4730, 2.2330



64.7400, 110.2610, 33.6930



21.4840, 37.0440, 11.4760

Inverse Universe

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



200.1050, -93.5270, -28.5910



189.3630, -112.0490, -34.3290



152.5580, -71.2520, 13.7720



123.5260, -7.4730, -2.2330



126.2600, -110.2610, -33.6930



41.9290, -36.7690, -10.9530

Previews

White Background



This preview shows how the YIQ color 147.8950, 93.5270, 28.5910 looks on a white background.

Color Contrast Check

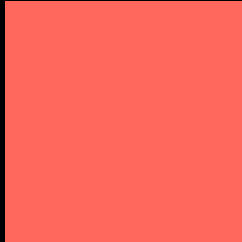
Large Text (above 18pt) WCAG AA × Fail

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 147.8950, 93.5270, 28.5910 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 147.8950, 93.5270, 28.5910

Background



This preview shows how black text looks on a background with the YIQ color 147.8950, 93.5270, 28.5910.



This preview shows how white text looks on a background with the YIQ color 147.8950, 93.5270,

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

147.8950, 93.5270, 28.5910

Protanopia

152.0280, 19.9920, -9.8960

Deuteranopia

151.6040, 44.6130, -10.0670



Tritanopia

148.5450, 88.9410, 34.6130

Trichromacy



Original Color

147.8950, 93.5270, 28.5910

Protanomaly

150.5310, 46.8570, 4.3370

Deuteranomaly

150.3170, 62.0790, 3.7990

Tritanomaly

148.4480, 90.5920, 32.2240

Monochromacy



Original Color

147.8950, 93.5270, 28.5910

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

147.9890, 34.0640, 10.4160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.8950, 93.5270, 28.5910 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, 93)` looks like.

```
.text, #text, p{  
    color:rgb(255, 104, 93)  
}
```

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, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 104, 93) }
```

Border

The CSS property to change the border of an element to YIQ 147.8950, 93.5270, 28.5910 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, 93) }
```


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

```
.border{ border-color:rgb(255, 104, 93) }
```

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, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 104, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 104, 93);  
box-shadow:4px 4px 4px 4px rgb(255, 104,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 147.8950, 93.5270, 28.5910 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, 93) }
```

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

```
.background{ background-color: rgb(255,  
104, 93) }
```

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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