

Converting Colors

YIQ(144.0480, 97.4700, 28.7180)

Have a look what the booklet for
YIQ(144.0480, 97.4700, 28.7180)
contains.

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Color

**YIQ(144.0480, 97.4700,
28.7180)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6355
RGB	255, 99, 85
RGB Percent	100%, 39%, 33%
CMY	0.0000, 0.6120, 0.6663
CMYK	0.00, 0.61, 0.67, 0.00
HSL	5°, 100%, 67%
HSV	5°, 67%, 100%
XYZ	47.3394, 30.8287, 12.0710
YIQ	144.0480, 97.4700, 28.7180

Conversions

Conversions Part 2

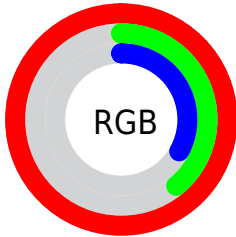
Format	Color
R _Y B	255, 100, 85
Decimal	16737109
CIE Lab	62.36, 58.57, 39.03
CIE LCh	62, 70.380, 33.681
Yxy	30.8287, 0.5246, 0.3416
Android (android.graphics.Color)	4294927189 (0xFFFF6355)
YUV	144.0480, -29.1107, 97.3049
Hunter-Lab	55.5236, 55.0224, 25.9768

Details

The YIQ color **144.0480, 97.4700, 28.7180** 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 **195.9520, -97.4700, -28.7180**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **182.6200, 66.0200, 14.9800**, and **84.4480, 90.5920, 32.2240** is the 20% darker color. If you saturate the color by 10%, you get **127.6970, 111.8200, 32.9720**, and if you desaturate by 10%, it is **160.5130, 82.7990, 24.7750**.

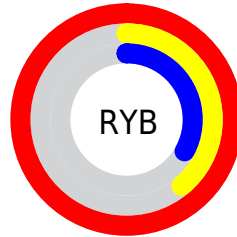
Distribution



Red (100%)

Green (39%)

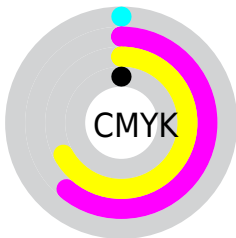
Blue (33%)



Red (100%)

Yellow (39%)

Blue (33%)

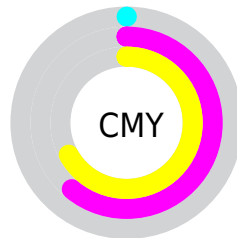


Cyan (0%)

Magenta (61%)

Yellow (67%)

Black (0%)



Cyan (0%)


Magenta (61%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 144.0480, 97.4700, 28.7180 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 144.0480, 97.4700, 28.7180 by changing the saturation by 10% instead.


 144.0480, 97.4700,
28.7180


 144.0480, 97.4700,
28.7180


255.0000, -0.0000,
-0.0000


 114.7210, 94.0770,
29.6370


 182.6200, 66.0200,
14.9800


 84.4480, 90.5920,
32.2240


 202.7210, 49.3780,
8.2100

 49.8920, 89.5820,
39.5180


 222.8220, 32.7360,
1.4400

 38.5710, 76.8840,
27.3480

 243.0370, 15.7730,
-5.0190

 29.3020, 58.4080,
20.7760

 253.8600, 3.2100,
-3.1100

 20.8590, 40.4820,
15.2500

 11.7750, 22.9230,

8.5790

■ 0.0000, 0.0000,
0.0000

■ 144.0480, 97.4700,
28.7180

■ 144.0480, 97.4700,
28.7180

■ 127.6970,
111.8200, 32.9720

■ 160.5130, 82.7990,
24.7750

■ 110.6450,
126.7660, 37.4380

■ 177.4510, 68.1740,
19.9980

■ 94.2940, 141.1160,
41.6920

■ 193.9160, 53.5030,
16.0550

■ 88.5720, 146.2050,
43.0770

■ 210.8540, 38.8780,
11.2780

■ 227.3190, 24.2070,
7.3350

243.6700, 9.8570,
3.0810

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.



142.7840, 81.7390, 55.0110



144.0480, 97.4700, 28.7180



143.9450, 88.9490, -9.6030

Triad

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



144.0480, 97.4700, 28.7180



113.8000, -77.9320, -63.4360



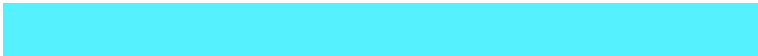
120.6420, -124.7550, -2.2830

Complementary

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



144.0480, 97.4700, 28.7180



195.9520, -97.4700, -28.7180

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.



130.0340, -129.1550, -10.6510



144.0480, 97.4700, 28.7180



122.9710, -99.6220, -44.7900

Square

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



144.0480, 97.4700, 28.7180



134.0400, 9.4090, -54.9030



129.4520, -119.2490, -24.9850



153.8070, -22.5200, 44.7120

Rectangle

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



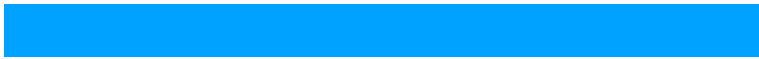
144.0480, 97.4700, 28.7180



141.0500, 74.5110, -34.2970



129.4520, -119.2490, -24.9850



124.1640, -126.4050, -5.4210

Sweetspot

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



144.0480, 97.4700, 28.7180



221.5970, 29.2960, 8.7200



153.9560, 50.2810, 85.4890



107.4430, 17.9260, 5.5260



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.



144.0480, 97.4700, 28.7180



121.9750, 116.9090, 34.3570



192.1820, 74.9200, -14.1680



119.4740, 7.4730, 2.2330



66.5010, 109.4360, 32.1240



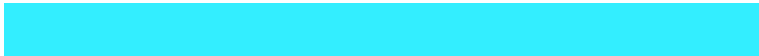
22.0710, 36.7690, 10.9530

Inverse Universe

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



195.9520, -97.4700, -28.7180



184.0250, -116.9090, -34.3570



147.8180, -74.9200, 14.1680



122.9390, -7.1980, -1.7100



125.0860, -109.7110, -32.6470



41.9290, -36.7690, -10.9530

Previews

White Background



This preview shows how the YIQ color 144.0480, 97.4700, 28.7180 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 144.0480, 97.4700, 28.7180 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 144.0480, 97.4700, 28.7180

Background



This preview shows how black text looks on a background with the YIQ color 144.0480, 97.4700, 28.7180.



This preview shows how white text looks on a background with the YIQ color 144.0480, 97.4700,

28.7180.

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

144.0480, 97.4700, 28.7180

Protanopia

149.3440, 21.9180, -11.7620

Deuteranopia

148.9200, 46.5390, -11.9330



Tritanopia

144.9260, 92.2420, 35.3620

Trichromacy



Original Color

144.0480, 97.4700, 28.7180

Protanomaly

147.2600, 49.0580, 2.9940

Deuteranomaly

147.3450, 64.8760, 2.6680

Tritanomaly

144.7150, 94.2140, 32.6620

Monochromacy



Original Color

144.0480, 97.4700, 28.7180

Achromatopsia

144.0000, -0.0000, 0.0000

Achromatomaly

144.1740, 34.9810, 10.3170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.0480, 97.4700, 28.7180 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, 99, 85)` looks like.

```
.text, #text, p{  
    color:rgb(255, 99, 85)  
}
```

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, 99, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 99, 85) }
```

Border

The CSS property to change the border of an element to YIQ 144.0480, 97.4700, 28.7180 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, 99, 85) }
```


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

```
.border{ border-color:rgb(255, 99, 85) }
```

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

Here you see how a box with a 4 pixel rgb(255, 99, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 99, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 99, 85);  
box-shadow:4px 4px 4px 4px rgb(255, 99,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 144.0480, 97.4700, 28.7180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 99, 85) }
```

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

```
.background{ background-color: rgb(255, 99,  
85) }
```

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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