

Converting Colors

YIQ(155.3780, 87.6130, 25.6370)

Have a look what the booklet for
YIQ(155.3780, 87.6130, 25.6370)
contains.

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Color

**YIQ(155.3780, 87.6130,
25.6370)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7366
RGB	255, 115, 102
RGB Percent	100%, 45%, 40%
CMY	0.0000, 0.5492, 0.5996
CMYK	0.00, 0.55, 0.60, 0.00
HSL	5°, 100%, 70%
HSV	5°, 60%, 100%
XYZ	49.7668, 34.4692, 16.6243
YIQ	155.3780, 87.6130, 25.6370

Conversions

Conversions Part 2

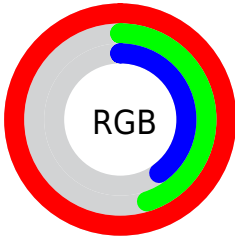
Format	Color
R _Y B	255, 116, 102
Decimal	16741222
CIE Lab	65.33, 52.42, 33.33
CIE LCh	65, 62.125, 32.451
Yxy	34.4692, 0.4934, 0.3418
Android (android.graphics.Color)	4294931302 (0xFFFF7366)
YUV	155.3780, -26.3154, 87.3685
Hunter-Lab	58.7104, 48.5650, 24.3089

Details

The YIQ color **155.3780, 87.6130, 25.6370** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **201.6220, -87.6130, -25.6370**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **193.4770, 56.1170, 12.7330**, and **99.1970, 80.8730, 26.6410** is the 20% darker color. If you saturate the color by 10%, you get **139.0270, 101.9630, 29.8910**, and if you desaturate by 10%, it is **171.8430, 72.9420, 21.6940**.

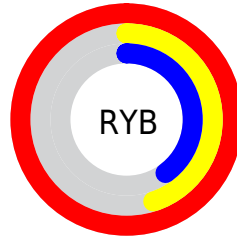
Distribution



Red (100%)

Green (45%)

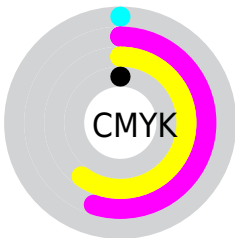
Blue (40%)



Red (100%)

Yellow (45%)

Blue (40%)

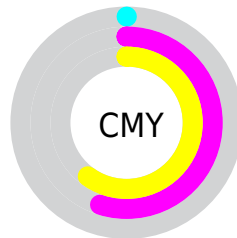


Cyan (0%)

Magenta (55%)

Yellow (60%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 155.3780, 87.6130, 25.6370 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 155.3780, 87.6130, 25.6370 by changing the saturation by 10% instead.


 155.3780, 87.6130,
25.6370


 155.3780, 87.6130,
25.6370


255.0000, -0.0000,
-0.0000


 127.5240, 84.2660,
25.7220


 193.4770, 56.1170,
12.7330

 99.1970, 80.8730,
26.6410


 213.5780, 39.4750,
5.9630


 69.2230, 77.9840,
29.4400

 233.7930, 22.5120,
-0.4960

 40.8360, 74.8200,
31.7160

 252.8340, 6.0990,
-5.9090

 30.4980, 60.7920,
21.6240

 21.5280, 42.9120,
15.2640

 13.2700, 25.9030,

9.6390

■ 0.0000, 0.0000,
0.0000

■ 155.3780, 87.6130,
25.6370

■ 155.3780, 87.6130,
25.6370

■ 139.0270,
101.9630, 29.8910

■ 171.8430, 72.9420,
21.6940

■ 121.9750,
116.9090, 34.3570

■ 188.7810, 58.3170,
16.9170

■ 105.6240,
131.2590, 38.6110

■ 205.2460, 43.6460,
12.9740

■ 89.1590, 145.9300,
42.5540

■ 221.5970, 29.2960,
8.7200

■ 88.5720, 146.2050,
43.0770

■ 238.6490, 14.3500,
4.2540

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.



156.2510, 72.7540, 47.1380



155.3780, 87.6130, 25.6370



154.6160, 79.8700, -4.7540

Triad

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



155.3780, 87.6130, 25.6370



126.5890, -66.7920, -56.0720



124.7510, -126.6800, -5.9440

Complementary

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



155.3780, 87.6130, 25.6370



201.6220, -87.6130, -25.6370

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.



133.5560, -130.8050, -13.7890



155.3780, 87.6130, 25.6370



127.0630, -102.8770, -46.3730

Square

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



155.3780, 87.6130, 25.6370



145.4350, 10.0950, -45.3050



132.7460, -120.2570, -28.7450



161.8300, -21.3270, 39.6090

Rectangle

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



155.3780, 87.6130, 25.6370



152.7690, 65.4770, -24.7550



132.7460, -120.2570, -28.7450



128.2730, -128.3300, -9.0820

Sweetspot

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



155.3780, 87.6130, 25.6370



225.1020, 26.3160, 7.6600



163.7070, 46.2480, 75.9760



109.4320, 16.4590, 4.5790



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.



155.3780, 87.6130, 25.6370



135.4080, 105.2640, 30.6400



199.9900, 66.7130, -14.1110



119.4740, 7.4730, 2.2330



66.5010, 109.4360, 32.1240



22.0710, 36.7690, 10.9530

Inverse Universe

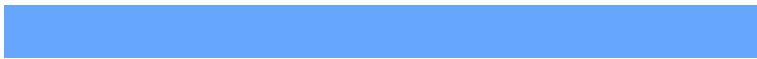
The Inverse Universe completely reimagines the original color for something new.



201.6220, -87.6130, -25.6370



191.1790, -105.5390, -31.1630



157.0100, -66.7130, 14.1110



122.9390, -7.1980, -1.7100



124.4990, -109.4360, -32.1240



41.3420, -36.4940, -10.4300

Previews

White Background



This preview shows how the YIQ color 155.3780, 87.6130, 25.6370 looks on a white background.

Color Contrast Check

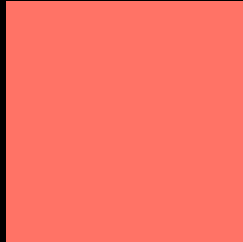
Large Text (above 18pt) WCAG AA × Fail

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 155.3780, 87.6130, 25.6370 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 155.3780, 87.6130, 25.6370

Background



This preview shows how black text looks on a background with the YIQ color 155.3780, 87.6130, 25.6370.



This preview shows how white text looks on a background with the YIQ color 155.3780, 87.6130,

25.6370.

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

155.3780, 87.6130, 25.6370

Protanopia

157.8430, 19.0750, -9.7970

Deuteranopia

157.7610, 42.7330, -9.0350



Tritanopia

156.3700, 82.0640, 32.5920

Trichromacy



Original Color

155.3780, 87.6130, 25.6370

Protanomaly

156.9220, 44.1980, 2.9660

Deuteranomaly

157.3490, 59.0530, 3.5730

Tritanomaly

156.1590, 84.0360, 29.8920

Monochromacy



Original Color

155.3780, 87.6130, 25.6370

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

154.7930, 31.6800, 9.5680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.3780, 87.6130, 25.6370 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, 115, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 115, 102)  
}
```

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, 115, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 115, 102) }
```

Border

The CSS property to change the border of an element to YIQ 155.3780, 87.6130, 25.6370 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, 115, 102) }
```


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

```
.border{ border-color:rgb(255, 115, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 115, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 115, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 115, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 115,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 155.3780, 87.6130, 25.6370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 115, 102) }
```

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

```
.background{ background-color: rgb(255,  
115, 102) }
```

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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