

Converting Colors

YIQ(154.6430, 85.5490, 30.0050)

Have a look what the booklet for
YIQ(154.6430, 85.5490, 30.0050)
contains.

YIQ(154.6430, 85.5490, 30.0050)	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(154.6430, 85.5490,
30.0050)**

Conversions

Conversions Part 1

Format	Color
Hex	FF706F
RGB	255, 112, 111
RGB Percent	100%, 44%, 44%
CMY	0.0000, 0.5610, 0.5644
CMYK	0.00, 0.56, 0.56, 0.00
HSL	0°, 100%, 72%
HSV	0°, 56%, 100%
XYZ	49.9016, 33.9847, 18.9936
YIQ	154.6430, 85.5490, 30.0050

Conversions

Conversions Part 2

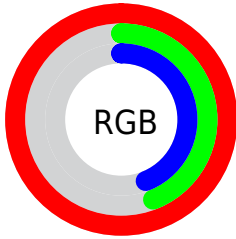
Format	Color
R _Y B	255, 112, 111
Decimal	16740463
CIE Lab	64.95, 54.44, 27.82
CIE LCh	65, 61.135, 27.069
Yxy	33.9847, 0.4850, 0.3303
Android (android.graphics.Color)	4294930543 (0xFFFF706F)
YUV	154.6430, -21.5160, 88.0131
Hunter-Lab	58.2964, 50.7769, 21.4902

Details

The YIQ color **154.6430, 85.5490, 30.0050** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **211.3570, -85.5490, -30.0050**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **193.4430, 53.4570, 16.8890**, and **97.7610, 79.4050, 31.2210** is the 20% darker color. If you saturate the color by 10%, you get **137.1180, 100.4490, 35.3050**, and if you desaturate by 10%, it is **172.2820, 70.3280, 25.0160**.

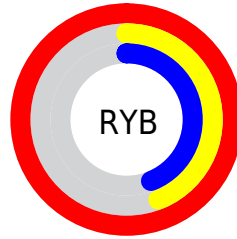
Distribution



Red (100%)

Green (44%)

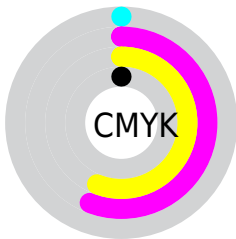
Blue (44%)



Red (100%)

Yellow (44%)

Blue (44%)

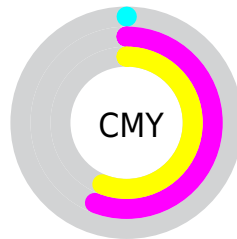


Cyan (0%)

Magenta (56%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.6430, 85.5490, 30.0050 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 154.6430, 85.5490, 30.0050 by changing the saturation by 10% instead.


 154.6430, 85.5490,
30.0050


 154.6430, 85.5490,
30.0050


255.0000, -0.0000,
-0.0000


 126.2020, 82.4770,
30.6130


 193.4430, 53.4570,
16.8890


 97.7610, 79.4050,
31.2210


 212.9570, 37.0900,
10.6420


 66.6130, 77.0660,
35.0660

 233.1720, 20.1270,
4.1830

 41.8620, 71.9310,
34.5150

 253.9740, 2.8890,
-2.7990

 30.4980, 60.7920,
21.6240

 21.9410, 43.1870,
15.7870

 13.5690, 26.4990,

9.8510

■ 0.0000, 0.0000,
0.0000

■ 154.6430, 85.5490,
30.0050

■ 154.6430, 85.5490,
30.0050

■ 137.1180,
100.4490, 35.3050

■ 172.2820, 70.3280,
25.0160

■ 118.8920,
115.9450, 40.8170

■ 190.3940, 55.1530,
19.1930

■ 101.3670,
130.8450, 46.1170

■ 208.0330, 39.9320,
14.2040

■ 83.7280, 146.0660,
51.1060

■ 225.5580, 25.0320,
8.9040

■ 77.4190, 151.4300,
53.0140

■ 243.7840, 9.5360,
3.3920

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.



157.2660, 68.3980, 48.9900



154.6430, 85.5490, 30.0050



154.2620, 81.1070, 0.3630

Triad

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



154.6430, 85.5490, 30.0050



133.8430, -43.9600, -51.3520



125.9250, -127.2300, -6.9900

Complementary

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



154.6430, 85.5490, 30.0050



211.3570, -85.5490, -30.0050

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.



132.8720, -128.8790, -15.6550



154.6430, 85.5490, 30.0050



124.5210, -98.4750, -49.0590

Square

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



154.6430, 85.5490, 30.0050



145.9800, 18.8060, -43.4820



130.9050, -116.4510, -31.6430



158.7360, -32.9260, 35.0580

Rectangle

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



154.6430, 85.5490, 30.0050



152.1980, 68.8230, -19.3130



130.9050, -116.4510, -31.6430



128.8600, -128.6050, -9.6050

Sweetspot

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



154.6430, 85.5490, 30.0050



224.8570, 25.6280, 9.1160



170.4720, 39.6000, 75.3120



109.7740, 15.4960, 5.5120



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.



154.6430, 85.5490, 30.0050



134.3140, 102.8330, 36.1530



196.3200, 66.0240, -7.1280



118.8870, 7.7480, 2.7560



57.6960, 113.5610, 39.9690



19.1360, 38.1440, 13.5680

Inverse Universe

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



211.3570, -85.5490, -30.0050



202.6860, -102.8330, -36.1530



169.6800, -66.0240, 7.1280



123.5260, -7.4730, -2.2330



133.3040, -113.5610, -39.9690



44.2770, -37.8690, -13.0450

Previews

White Background



This preview shows how the YIQ color 154.6430, 85.5490, 30.0050 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 154.6430, 85.5490, 30.0050 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 154.6430, 85.5490, 30.0050

Background



This preview shows how black text looks on a background with the YIQ color 154.6430, 85.5490, 30.0050.



This preview shows how white text looks on a background with the YIQ color 154.6430, 85.5490,

30.0050.

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

154.6430, 85.5490, 30.0050

Protanopia

157.6130, 14.0310, -6.4890

Deuteranopia

157.3030, 38.3310, -6.3490



Tritanopia

154.8540, 83.5770, 32.7050

Trichromacy



Original Color

154.6430, 85.5490, 30.0050

Protanomaly

156.4040, 40.0250, 7.0090

Deuteranomaly

156.6030, 55.5220, 6.9940

Tritanomaly

154.5120, 84.5400, 31.7720

Monochromacy



Original Color

154.6430, 85.5490, 30.0050

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

154.5480, 30.9920, 11.0240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.6430, 85.5490, 30.0050 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, 112, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 112, 111)  
}
```

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, 112, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 112, 111) }
```

Border

The CSS property to change the border of an element to YIQ 154.6430, 85.5490, 30.0050 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, 112, 111) }
```


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

```
.border{ border-color:rgb(255, 112, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 112, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 112, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 112, 111);  
box-shadow:4px 4px 4px 4px rgb(255, 112,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 154.6430, 85.5490, 30.0050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 112, 111) }
```

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

```
.background{ background-color: rgb(255,  
112, 111) }
```

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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