

Converting Colors

YIQ(145.2850, 83.4410, 24.1530)

Have a look what the booklet for
YIQ(145.2850, 83.4410, 24.1530)
contains.

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Color

**YIQ(145.2850, 83.4410,
24.1530)**

Conversions

Conversions Part 1

Format	Color
Hex	F06B5E
RGB	240, 107, 94
RGB Percent	94%, 42%, 37%
CMY	0.0585, 0.5806, 0.6310
CMYK	0.00, 0.55, 0.61, 0.06
HSL	5°, 83%, 66%
HSV	5°, 61%, 94%
XYZ	43.2380, 29.8525, 14.0934
YIQ	145.2850, 83.4410, 24.1530

Conversions

Conversions Part 2

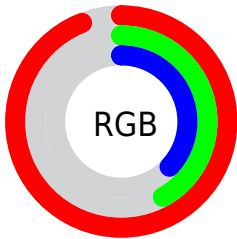
Format	Color
R _Y B	240, 108, 94
Decimal	15756126
CIE Lab	61.53, 50.38, 32.50
CIE LCh	62, 59.949, 32.826
Yxy	29.8525, 0.4959, 0.3424
Android (android.graphics.Color)	4293946206 (0xFFFF06B5E)
YUV	145.2850, -25.2835, 83.0651
Hunter-Lab	54.6374, 45.6428, 22.9527

Details

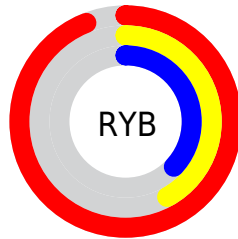
The YIQ color **145.2850, 83.4410, 24.1530** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **188.7150, -83.4410, -24.1530**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **187.8690, 60.8850, 14.4290**, and **89.1040, 76.7010, 25.1570** is the 20% darker color. If you saturate the color by 10%, you get **129.6350, 97.1950, 28.1950**, and if you desaturate by 10%, it is **160.9350, 69.6870, 20.1110**.

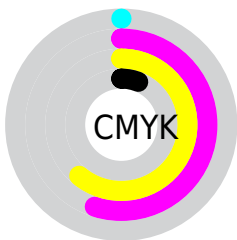
Distribution



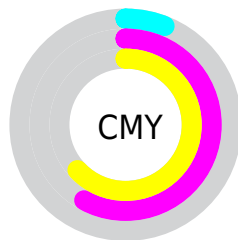
- Red (94%)
- Green (42%)
- Blue (37%)



- Red (94%)
- Yellow (42%)
- Blue (37%)



- Cyan (0%)
- Magenta (55%)
- Yellow (61%)
- Black (6%)





- Cyan (6%)
- Magenta (58%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 145.2850, 83.4410, 24.1530 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 145.2850, 83.4410, 24.1530 by changing the saturation by 10% instead.


 145.2850, 83.4410,
24.1530


 145.2850, 83.4410,
24.1530


255.0000, -0.0000,
-0.0000


 117.4310, 80.0940,
24.2380


 187.8690, 60.8850,
14.4290


 89.2180, 76.3800,
25.4680


 207.2690, 44.8390,
7.8710


 58.9560, 74.3620,
29.0020

 227.4840, 27.8760,
1.4120

 35.5100, 69.6860,
25.6380

 247.6990, 10.9130,
-5.0470

 26.3120, 52.4480,
18.6560

 18.4670, 35.7140,
13.5540

 8.1870, 15.7710,

6.0350

■ 0.0000, 0.0000,
0.0000

■ 145.2850, 83.4410,
24.1530

■ 145.2850, 83.4410,
24.1530

■ 129.6350, 97.1950,
28.1950

■ 160.9350, 69.6870,
20.1110

■ 113.9850,
110.9490, 32.2370

■ 176.5850, 55.9330,
16.0690

■ 98.3350, 124.7030,
36.2790

■ 192.2350, 42.1790,
12.0270

■ 84.0870, 137.2650,
39.8970

■ 207.8850, 28.4250,
7.9850

■ 222.9480, 14.9460,
4.4660

■ 238.5980, 1.1920,
0.4240

■ 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.



146.8270, 71.0120, 45.6680



145.2850, 83.4410, 24.1530



144.9360, 75.9730, -5.7150

Triad

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



145.2850, 83.4410, 24.1530



115.7460, -68.6720, -55.0400



118.8810, -123.9300, -0.7140

Complementary

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



145.2850, 83.4410, 24.1530



188.7150, -83.4410, -24.1530

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.



125.6170, -123.6070, -12.0790



145.2850, 83.4410, 24.1530



119.4660, -96.6420, -43.7300

Square

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



145.2850, 83.4410, 24.1530



136.0050, 8.4900, -43.7500



124.9210, -113.3800, -26.7240



151.2600, -19.7220, 38.0540

Rectangle

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



145.2850, 83.4410, 24.1530



142.9150, 62.1300, -24.6700



124.9210, -113.3800, -26.7240



121.7020, -124.9840, -3.6400

Sweetspot

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



145.2850, 83.4410, 24.1530



225.1020, 26.3160, 7.6600



152.9300, 44.0020, 72.6260



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.



145.2850, 83.4410, 24.1530



134.0060, 106.4560, 31.0640



187.5490, 63.6410, -13.5030



112.1750, 6.8770, 2.0210



64.4080, 105.2640, 30.6400



19.6790, 32.0010, 9.2570

Inverse Universe

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



188.7150, -83.4410, -24.1530



189.9940, -106.4560, -31.0640



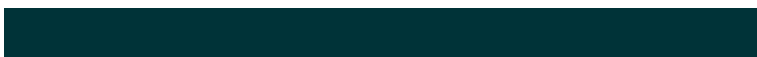
146.4510, -63.6410, 13.5030



115.8250, -6.8770, -2.0210



119.0050, -104.9890, -30.1170



36.3210, -32.0010, -9.2570

Previews

White Background



This preview shows how the YIQ color 145.2850, 83.4410, 24.1530 looks on a white background.

Color Contrast Check

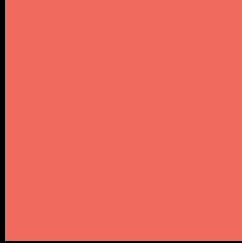
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.2850, 83.4410, 24.1530 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 145.2850, 83.4410, 24.1530

Background



This preview shows how black text looks on a background with the YIQ color 145.2850, 83.4410, 24.1530.



This preview shows how white text looks on a background with the YIQ color 145.2850, 83.4410,

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

145.2850, 83.4410, 24.1530

Protanopia

147.9570, 18.7540, -9.4860

Deuteranopia

147.5050, 40.5780, -8.5260



Tritanopia

145.7610, 79.4050, 31.2210

Trichromacy



Original Color

145.2850, 83.4410, 24.1530

Protanomaly

147.1390, 42.0890, 2.6410

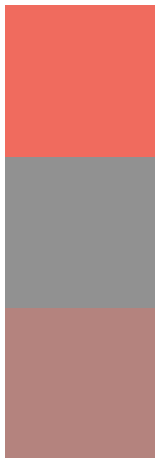
Deuteranomaly

146.3810, 56.0270, 3.3470

Tritanomaly

145.6640, 81.0560, 28.8320

Monochromacy



Original Color

145.2850, 83.4410, 24.1530

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

145.0810, 30.8090, 8.8330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.2850, 83.4410, 24.1530 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, 107, 94)` looks like.

```
.text, #text, p{  
    color:rgb(240, 107, 94)  
}
```

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, 107, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 107, 94) }
```

Border

The CSS property to change the border of an element to YIQ 145.2850, 83.4410, 24.1530 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, 107, 94) }
```


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

```
.border{ border-color:rgb(240, 107, 94) }
```

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

Here you see how a box with a 4 pixel rgb(240, 107, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 107, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 107, 94);  
box-shadow:4px 4px 4px 4px rgb(240, 107,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 145.2850, 83.4410, 24.1530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 107, 94) }
```

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

```
.background{ background-color: rgb(240,  
107, 94) }
```

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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