

Converting Colors

YIQ(153.6130, 85.0930, 16.2370)

Have a look what the booklet for
YIQ(153.6130, 85.0930, 16.2370)
contains.

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Color

**YIQ(153.6130, 85.0930,
16.2370)**

Conversions

Conversions Part 1

Format	Color
Hex	F57857
RGB	245, 120, 87
RGB Percent	96%, 47%, 34%
CMY	0.0389, 0.5296, 0.6585
CMYK	0.00, 0.51, 0.64, 0.04
HSL	12°, 89%, 65%
HSV	12°, 64%, 96%
XYZ	46.1151, 33.5351, 13.0791
YIQ	153.6130, 85.0930, 16.2370

Conversions

Conversions Part 2

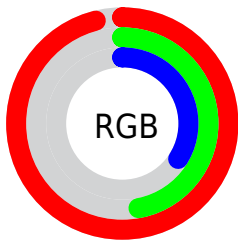
Format	Color
R_{YB}	245, 129, 87
Decimal	16087127
CIE _{Lab}	64.59, 45.51, 40.27
CIE _{LCh}	65, 60.770, 41.503
Yxy	33.5351, 0.4973, 0.3616
Android (android.graphics.Color)	4294277207 (0xFFFF57857)
YUV	153.6130, -32.8402, 80.1464
Hunter-Lab	57.9095, 40.8033, 27.1458

Details

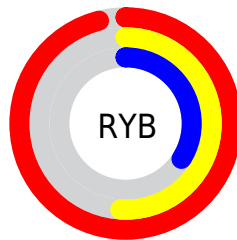
The YIQ color **153.6130, 85.0930, 16.2370** is a light color, and the websafe version is hex **CC6633**. The color can be described as light muted orange. A complement of this color would be **178.3870, -85.0930, -16.2370**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **194.7020, 59.5570, 5.4530**, and **98.6060, 77.8030, 16.1950** is the 20% darker color. If you saturate the color by 10%, you get **139.7240, 98.0220, 18.7100**, and if you desaturate by 10%, it is **167.6160, 71.8430, 14.0750**.

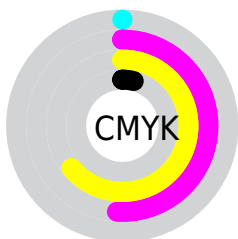
Distribution



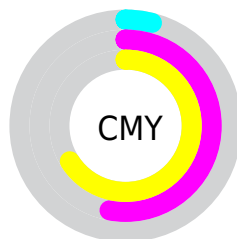
- Red (96%)
- Green (47%)
- Blue (34%)



- Red (96%)
- Yellow (51%)
- Blue (34%)



- Cyan (0%)
- Magenta (51%)
- Yellow (64%)
- Black (4%)





- Cyan (4%)
- Magenta (53%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 153.6130, 85.0930, 16.2370 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 153.6130, 85.0930, 16.2370 by changing the saturation by 10% instead.


 153.6130, 85.0930,
16.2370


 153.6130, 85.0930,
16.2370


255.0000, -0.0000,
-0.0000


 125.7590, 81.7460,
16.3220


 194.7020, 59.5570,
5.4530


 98.6060, 77.8030,
16.1950


 214.1020, 43.5110,
-1.1050


 71.1650, 74.7310,
16.8030


 234.3170, 26.5480,
-7.5640

 39.7120, 71.9330,
23.4610

 251.0100, 11.2350,
-10.8850

 27.8070, 55.4280,
19.7160

 254.2020, 2.2470,
-2.1770

 19.1360, 38.1440,
13.5680

 10.8780, 21.1350,

7.9430

■ 0.0000, 0.0000,
0.0000

■ 153.6130, 85.0930,
16.2370

■ 153.6130, 85.0930,
16.2370

■ 139.7240, 98.0220,
18.7100

■ 167.6160, 71.8430,
14.0750

■ 125.1340,
111.5470, 21.3950

■ 182.0920, 58.6390,
11.0790

■ 111.2450,
124.4760, 23.8680

■ 196.0950, 45.3890,
8.9170

■ 103.1920,
131.9950, 25.2670

■ 210.5710, 32.1850,
5.9210

■ 224.5740, 18.9350,
3.7590

■ 238.4630, 6.0060,
1.2860

■ 252.0100, -5.9600,
-2.1200

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



154.1990, 78.5320, 41.5400



153.6130, 85.0930, 16.2370



152.5130, 72.4900, -14.1820

Triad

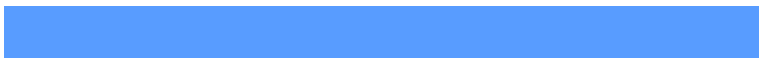
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



153.6130, 85.0930, 16.2370



119.9270, -88.2950, -57.3430



146.9540, -72.3070, 16.3730

Complementary

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



153.6130, 85.0930, 16.2370



178.3870, -85.0930, -16.2370

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



153.6130, 85.0930, 16.2370



127.5990, -107.1420, -40.6620

Square

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



153.6130, 85.0930, 16.2370



141.2250, -6.8690, -46.2370



131.5380, -122.3670, -23.5430



160.9310, -2.4380, 44.2020

Rectangle

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



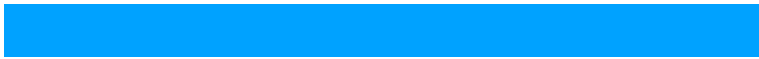
153.6130, 85.0930, 16.2370



149.8060, 54.8870, -31.0730



131.5380, -122.3670, -23.5430



124.1640, -126.4050, -5.4210

Sweetspot

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



153.6130, 85.0930, 16.2370



227.2220, 25.8580, 4.9460



148.6060, 53.7220, 72.6820



110.4920, 16.2300, 3.2220



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.



153.6130, 85.0930, 16.2370



141.0840, 105.8160, 20.6320



199.3990, 63.6430, -24.5570



115.3490, 6.3270, 0.9750



78.5070, 100.1310, 19.0350



24.6850, 31.8640, 6.2320

Inverse Universe

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



178.3870, -85.0930, -16.2370



172.3290, -105.5410, -20.1090



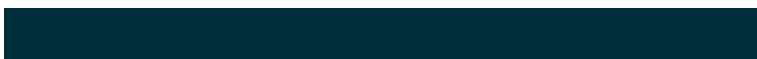
132.6010, -63.6430, 24.5570



117.2380, -6.6020, -1.4980



107.4930, -100.1310, -19.0350



33.7280, -31.5890, -5.7090

Previews

White Background



This preview shows how the YIQ color 153.6130, 85.0930, 16.2370 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 153.6130, 85.0930, 16.2370 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 153.6130, 85.0930, 16.2370

Background



This preview shows how black text looks on a background with the YIQ color 153.6130, 85.0930, 16.2370.



This preview shows how white text looks on a background with the YIQ color 153.6130, 85.0930,

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

153.6130, 85.0930, 16.2370

Protanopia

154.8020, 26.3200, -14.4480

Deuteranopia

154.9910, 47.7770, -12.3430



Tritanopia

155.3800, 76.1040, 30.4720

Trichromacy



Original Color

153.6130, 85.0930, 16.2370

Protanomaly

154.6740, 47.5920, -3.4800

Deuteranomaly

154.4430, 61.4840, -1.9400

Tritanomaly

154.7730, 79.1310, 25.1710

Monochromacy



Original Color

153.6130, 85.0930, 16.2370

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

154.0870, 30.6720, 5.8080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.6130, 85.0930, 16.2370 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(245, 120, 87)` looks like.

```
.text, #text, p{  
    color:rgb(245, 120, 87)  
}
```

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(245, 120, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 120, 87) }
```

Border

The CSS property to change the border of an element to YIQ 153.6130, 85.0930, 16.2370 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(245, 120, 87) }
```


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

```
.border{ border-color:rgb(245, 120, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 120, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 120, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 120, 87);  
box-shadow:4px 4px 4px 4px rgb(245, 120,  
87) }
```

Background

The CSS property to change the background color of an element to YIQ 153.6130, 85.0930, 16.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 120, 87) }
```

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

```
.background{ background-color: rgb(245,  
120, 87) }
```

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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