

Converting Colors

YIQ(130.5750, 88.2560, 19.4880)

Have a look what the booklet for
YIQ(130.5750, 88.2560, 19.4880)
contains.

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Color

**YIQ(130.5750, 88.2560,
19.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	E35E42
RGB	227, 94, 66
RGB Percent	89%, 37%, 26%
CMY	0.1095, 0.6316, 0.7408
CMYK	0.00, 0.59, 0.71, 0.11
HSL	10°, 74%, 57%
HSV	10°, 71%, 89%
XYZ	36.6865, 24.7332, 8.0093
YIQ	130.5750, 88.2560, 19.4880

Conversions

Conversions Part 2

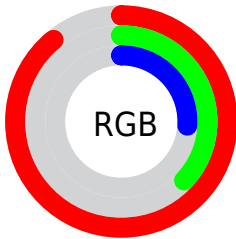
Format	Color
R_{YB}	227, 100, 66
Decimal	14900802
CIE _{Lab}	56.81, 50.19, 41.74
CIE _{LCh}	57, 65.282, 39.749
Yxy	24.7332, 0.5284, 0.3562
Android (android.graphics.Color)	4293090882 (0xFFE35E42)
YUV	130.5750, -31.8355, 84.5647
Hunter-Lab	49.7325, 44.6434, 25.2642

Details

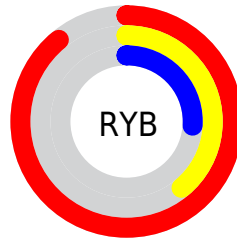
The YIQ color **130.5750, 88.2560, 19.4880** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **162.4250, -88.2560, -19.4880**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.2310, 74.3650, 12.4210**, and **73.9210, 81.4700, 21.3260** is the 20% darker color. If you saturate the color by 10%, you get **116.8000, 100.8640, 22.2720**, and if you desaturate by 10%, it is **144.3500, 75.6480, 16.7040**.

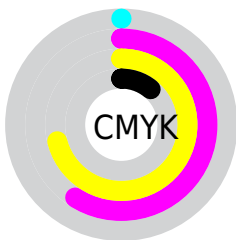
Distribution



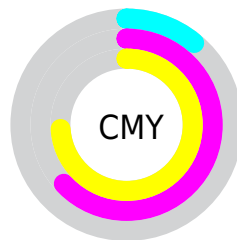
- Red (89%)
- Green (37%)
- Blue (26%)



- Red (89%)
- Yellow (39%)
- Blue (26%)



- Cyan (0%)
- Magenta (59%)
- Yellow (71%)
- Black (11%)





- Cyan (11%)
- Magenta (63%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.5750, 88.2560, 19.4880 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 130.5750, 88.2560, 19.4880 by changing the saturation by 10% instead.


 130.5750, 88.2560,
19.4880


 130.5750, 88.2560,
19.4880


255.0000, -0.0000,
-0.0000


 102.8350, 84.5880,
19.8840


 176.2310, 74.3650,
12.4210


 73.9210, 81.4700,
21.3260


 195.6310, 58.3190,
5.8630


 40.0660, 79.8640,
28.4080


 215.7320, 41.6770,
-0.9070

 31.0960, 61.9840,
22.0480

 235.8330, 25.0350,
-7.6770

 22.1260, 44.1040,
15.6880

 251.3520, 10.2720,
-9.9520

 14.2810, 27.3700,
10.5860

254.6580, 0.9630,

 0.0000, 0.0000,

-0.9330

0.0000

■ 130.5750, 88.2560,
19.4880

■ 130.5750, 88.2560,
19.4880

■ 116.8000,
100.8640, 22.2720

■ 144.3500, 75.6480,
16.7040

■ 103.1390,
113.1510, 25.3670

■ 158.1250, 63.0400,
13.9200

■ 90.7660, 124.5670,
27.7270

■ 171.1990, 51.0280,
11.3480

■ 184.9740, 38.4200,
8.5640

■ 198.7490, 25.8120,
5.7800

■ 212.4100, 13.5250,
2.6850

■ 225.5980, 1.1920,
0.4240

■ 239.3730,
-11.4160, -2.3600

■ 246.6280,
-16.6880, -5.9360

Harmonies

Analogous

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



129.7420, 81.5570, 47.2930



130.5750, 88.2560, 19.4880



129.3410, 78.7260, -17.0660

Triad

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



130.5750, 88.2560, 19.4880



104.7500, -74.4950, -54.1350



109.1040, -117.0080, 6.0000

Complementary

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



130.5750, 88.2560, 19.4880



162.4250, -88.2560, -19.4880

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.



117.5130, -120.0780, -4.4460



130.5750, 88.2560, 19.4880



113.2370, -94.2590, -37.3550

Square

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



130.5750, 88.2560, 19.4880



118.9600, -4.8050, -50.6050



118.2190, -111.0430, -19.5150



139.8320, -6.4730, 45.7430

Rectangle

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



130.5750, 88.2560, 19.4880



127.6940, 60.8940, -35.3140



118.2190, -111.0430, -19.5150



112.5550, -119.8960, 3.2720

Sweetspot

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



130.5750, 88.2560, 19.4880



223.0160, 29.4340, 6.2180



129.4150, 52.9420, 75.8060



108.5030, 17.6970, 4.1690



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.



130.5750, 88.2560, 19.4880



125.1890, 118.8820, 26.1300



176.9480, 66.5310, -21.8290



107.7620, 6.6020, 1.4980



71.7180, 98.1590, 21.7350



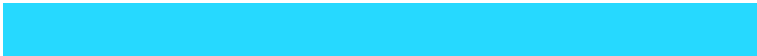
20.5320, 27.9210, 6.1050

Inverse Universe

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



162.4250, -88.2560, -19.4880



167.8110, -118.8820, -26.1300



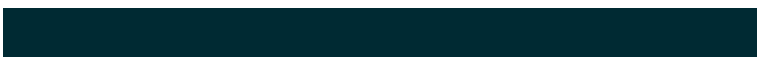
116.0520, -66.5310, 21.8290



110.2380, -6.6020, -1.4980



107.2820, -98.1590, -21.7350



30.4680, -27.9210, -6.1050

Previews

White Background



This preview shows how the YIQ color 130.5750, 88.2560, 19.4880 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 130.5750, 88.2560, 19.4880 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 130.5750, 88.2560, 19.4880

Background



This preview shows how black text looks on a background with the YIQ color 130.5750, 88.2560, 19.4880.



This preview shows how white text looks on a background with the YIQ color 130.5750, 88.2560,

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

130.5750, 88.2560, 19.4880

Protanopia

134.3890, 26.0450, -14.9710

Deuteranopia

133.7520, 46.9520, -13.9120



Tritanopia

131.9460, 80.3220, 31.1220

Trichromacy



Original Color

130.5750, 88.2560, 19.4880

Protanomaly

132.7990, 48.7380, -2.2220

Deuteranomaly

132.7420, 62.0800, -1.7280

Tritanomaly

131.2790, 83.5780, 27.1780

Monochromacy



Original Color

130.5750, 88.2560, 19.4880

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

131.0980, 32.1390, 6.7550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.5750, 88.2560, 19.4880 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(227, 94, 66)` looks like.

```
.text, #text, p{  
    color:rgb(227, 94, 66)  
}
```

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(227, 94, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 94, 66) }
```

Border

The CSS property to change the border of an element to YIQ 130.5750, 88.2560, 19.4880 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(227, 94, 66) }
```


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

```
.border{ border-color:rgb(227, 94, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 94, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 94, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 94, 66);  
box-shadow:4px 4px 4px 4px rgb(227, 94,  
66) }
```

Background

The CSS property to change the background color of an element to YIQ 130.5750, 88.2560, 19.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 94, 66) }
```

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

```
.background{ background-color: rgb(227, 94,  
66) }
```

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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