

Converting Colors

YIQ(135.9130, 83.9480, 9.4520)

Have a look what the booklet for
YIQ(135.9130, 83.9480, 9.4520)
contains.

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Color

**YIQ(135.9130, 83.9480,
9.4520)**

Conversions

Conversions Part 1

Format	Color
Hex	DE6B3B
RGB	222, 107, 59
RGB Percent	87%, 42%, 23%
CMY	0.1292, 0.5806, 0.7683
CMYK	0.00, 0.52, 0.73, 0.13
HSL	18°, 71%, 55%
HSV	18°, 73%, 87%
XYZ	36.1878, 26.3614, 7.3315
YIQ	135.9130, 83.9480, 9.4520

Conversions

Conversions Part 2

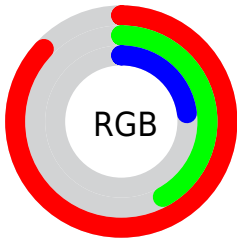
Format	Color
R _Y B	222, 127, 59
Decimal	14576443
CIE Lab	58.38, 41.79, 46.87
CIE LCh	58, 62.800, 48.279
Yxy	26.3614, 0.5179, 0.3772
Android (android.graphics.Color)	4292766523 (0xFFDE6B3B)
YUV	135.9130, -37.9181, 75.4983
Hunter-Lab	51.3434, 35.9591, 27.4742

Details

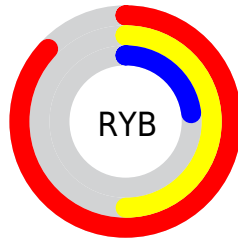
The YIQ color **135.9130, 83.9480, 9.4520** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **145.0870, -83.9480, -9.4520**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **183.1780, 72.7160, 3.7560**, and **81.1510, 77.3460, 7.9540** is the 20% darker color. If you saturate the color by 10%, you get **124.0130, 95.4100, 10.9780**, and if you desaturate by 10%, it is **147.8130, 72.4860, 7.9260**.

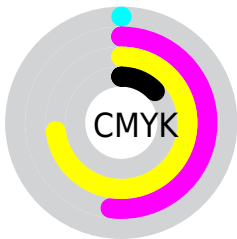
Distribution



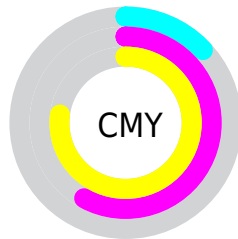
- Red (87%)
- Green (42%)
- Blue (23%)



- Red (87%)
- Yellow (50%)
- Blue (23%)



- Cyan (0%)
- Magenta (52%)
- Yellow (73%)
- Black (13%)





- Cyan (13%)
- Magenta (58%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 135.9130, 83.9480, 9.4520 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 135.9130, 83.9480, 9.4520 by changing the saturation by 10% instead.


 135.9130, 83.9480,
9.4520


 135.9130, 83.9480,
9.4520


255.0000, -0.0000,
-0.0000


 108.6460, 80.3260,
9.0140


 182.5910, 72.9910,
4.2790


 81.1510, 77.3460,
7.9540


 201.9910, 56.9450,
-2.2790


 55.6050, 70.3760,
13.1280


 221.9780, 40.6240,
-9.3600

 30.1990, 60.1960,
21.4120

 241.6060, 23.9360,
-15.2960

 21.2290, 42.3160,
15.0520

 250.6680, 12.1980,
-11.8180

 13.9820, 26.7740,
10.3740

 253.9740, 2.8890,

 0.0000, 0.0000,

-2.7990

0.0000

■ 135.9130, 83.9480,
9.4520

■ 135.9130, 83.9480,
9.4520

■ 124.0130, 95.4100,
10.9780

■ 147.8130, 72.4860,
7.9260

■ 112.7000,
106.5970, 11.9810

■ 159.2400, 60.9780,
7.2340

■ 104.5330,
114.4370, 13.0690

■ 171.1400, 49.5160,
5.7080

■ 183.0400, 38.0540,
4.1820

■ 194.3530, 26.8670,
3.1790

■ 206.2530, 15.4050,
1.6530

■ 218.2670, 3.6220,
0.4380

■ 229.5800, -7.5650,
-0.5650

■ 241.0240,
-17.7430, -3.3350

Harmonies

Analogous

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



135.5430, 83.2550, 38.5430



135.9130, 83.9480, 9.4520



133.3350, 69.6950, -24.1050

Triad

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



135.9130, 83.9480, 9.4520



110.0790, -82.6110, -50.2190



135.8790, -58.5540, 25.9420

Complementary

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



135.9130, 83.9480, 9.4520



145.0870, -83.9480, -9.4520

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.



118.0830, -121.6830, -2.8910



135.9130, 83.9480, 9.4520



117.1640, -101.1830, -33.0150

Square

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



135.9130, 83.9480, 9.4520



120.4340, -23.6950, -49.6710



120.9890, -116.0870, -16.2070



144.2810, 11.3160, 48.2440

Rectangle

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



135.9130, 83.9480, 9.4520



129.9160, 51.2210, -41.7310



120.9890, -116.0870, -16.2070



119.0300, -104.9960, 8.5720

Sweetspot

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



135.9130, 83.9480, 9.4520



225.1360, 28.9760, 3.5040



121.0750, 59.5910, 70.9430



110.0360, 17.5140, 1.9780



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.



135.9130, 83.9480, 9.4520



136.7180, 115.3540, 12.9700



182.8730, 61.9480, -32.3880



106.0500, 5.7310, 0.7630



83.1480, 90.5960, 10.1160



22.5700, 24.7580, 2.8540

Inverse Universe

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



145.0870, -83.9480, -9.4520



149.2820, -115.3540, -12.9700



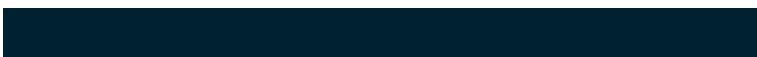
98.1270, -61.9480, 32.3880



106.9500, -5.7310, -0.7630



92.8520, -90.5960, -10.1160



25.4300, -24.7580, -2.8540

Previews

White Background



This preview shows how the YIQ color 135.9130, 83.9480, 9.4520 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 135.9130, 83.9480, 9.4520 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 135.9130, 83.9480, 9.4520

Background



This preview shows how black text looks on a background with the YIQ color 135.9130, 83.9480, 9.4520.



This preview shows how white text looks on a background with the YIQ color 135.9130, 83.9480,

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

135.9130, 83.9480, 9.4520

Protanopia

137.2770, 32.0520, -19.2120

Deuteranopia

137.2100, 51.3540, -16.5980



Tritanopia

138.5750, 71.0610, 28.2530

Trichromacy



Original Color

135.9130, 83.9480, 9.4520

Protanomaly

136.9530, 50.9400, -9.0920

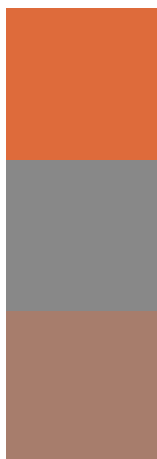
Deuteranomaly

136.7650, 63.2730, -6.8310

Tritanomaly

137.3980, 75.6930, 21.3970

Monochromacy



Original Color

135.9130, 83.9480, 9.4520

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.6200, 30.4890, 3.6170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.9130, 83.9480, 9.4520 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(222, 107, 59)` looks like.

```
.text, #text, p{  
    color:rgb(222, 107, 59)  
}
```

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(222, 107, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 107, 59) }
```

Border

The CSS property to change the border of an element to YIQ 135.9130, 83.9480, 9.4520 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(222, 107, 59) }
```


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

```
.border{ border-color:rgb(222, 107, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 107, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 107, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 107, 59);  
box-shadow:4px 4px 4px 4px rgb(222, 107,  
59) }
```

Background

The CSS property to change the background color of an element to YIQ 135.9130, 83.9480, 9.4520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 107, 59) }
```

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

```
.background{ background-color: rgb(222,  
107, 59) }
```

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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