

Converting Colors

YIQ(135.9160, 79.8660, 17.3540)

Have a look what the booklet for
YIQ(135.9160, 79.8660, 17.3540)
contains.

YIQ(135.9160, 79.8660, 17.3540)	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(135.9160, 79.8660,
17.3540)**

Conversions

Conversions Part 1

Format	Color
Hex	DF674D
RGB	223, 103, 77
RGB Percent	87%, 40%, 30%
CMY	0.1252, 0.5962, 0.6977
CMYK	0.00, 0.54, 0.65, 0.13
HSL	11°, 70%, 59%
HSV	11°, 65%, 87%
XYZ	36.6404, 25.9264, 10.1102
YIQ	135.9160, 79.8660, 17.3540

Conversions

Conversions Part 2

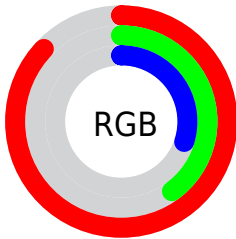
Format	Color
R_{YB}	223, 109, 77
Decimal	14640973
CIE _{Lab}	57.97, 45.07, 36.96
CIE _{LCh}	58, 58.291, 39.355
Yxy	25.9264, 0.5042, 0.3567
Android (android.graphics.Color)	4292831053 (0xFFDF674D)
YUV	135.9160, -29.0456, 76.3727
Hunter-Lab	50.9179, 39.3417, 23.8700

Details

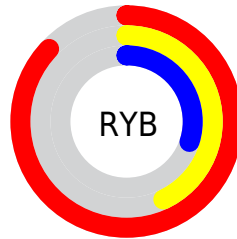
The YIQ color **135.9160, 79.8660, 17.3540** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **164.0840, -79.8660, -17.3540**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **182.8820, 68.0380, 11.4460**, and **81.3220, 72.8510, 17.8350** is the 20% darker color. If you saturate the color by 10%, you get **122.8420, 91.8780, 19.9260**, and if you desaturate by 10%, it is **148.9900, 67.8540, 14.7820**.

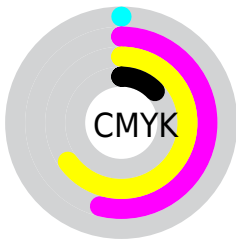
Distribution



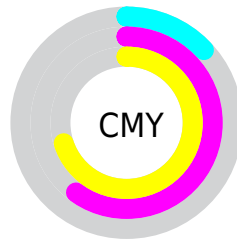
- Red (87%)
- Green (40%)
- Blue (30%)



- Red (87%)
- Yellow (43%)
- Blue (30%)



- Cyan (0%)
- Magenta (54%)
- Yellow (65%)
- Black (13%)





- Cyan (13%)
- Magenta (60%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 135.9160, 79.8660, 17.3540 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 135.9160, 79.8660, 17.3540 by changing the saturation by 10% instead.


 135.9160, 79.8660,
17.3540


 135.9160, 79.8660,
17.3540


255.0000, -0.0000,
-0.0000


 108.7630, 75.9230,
17.2270


 182.8820, 68.0380,
11.4460


 81.3220, 72.8510,
17.8350


 202.2820, 51.9920,
4.8880


 52.8210, 70.0080,
19.8000


 221.7960, 35.6250,
-1.3590

 30.7970, 61.3880,
21.8360

 242.0110, 18.6620,
-7.8180

 21.8270, 43.5080,
15.4760

 252.8340, 6.0990,
-5.9090

 14.2810, 27.3700,
10.5860

 0.0000, 0.0000,

0.0000

■ 135.9160, 79.8660,
17.3540

■ 135.9160, 79.8660,
17.3540

■ 122.8420, 91.8780,
19.9260

■ 148.9900, 67.8540,
14.7820

■ 109.0670,
104.4860, 22.7100

■ 162.7650, 55.2460,
11.9980

■ 95.9930, 116.4980,
25.2820

■ 175.8390, 43.2340,
9.4260

■ 90.1570, 121.9080,
26.3560

■ 188.9130, 31.2220,
6.8540

■ 202.6880, 18.6140,
4.0700

■ 215.7620, 6.6020,
1.4980

■ 228.8360, -5.4100,
-1.0740

■ 242.4970,
-17.6970, -4.1690

■ 245.4320,
-19.0720, -6.7840

Harmonies

Analogous

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



136.4480, 73.3970, 40.9890



135.9160, 79.8660, 17.3540



135.1260, 69.3260, -11.9060

Triad

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



135.9160, 79.8660, 17.3540



106.0210, -76.6960, -52.7920



127.1810, -80.3760, 13.9280

Complementary

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



135.9160, 79.8660, 17.3540



164.0840, -79.8660, -17.3540

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.



117.0740, -117.4640, -7.7680



135.9160, 79.8660, 17.3540



113.8240, -94.5340, -37.8780

Square

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



135.9160, 79.8660, 17.3540



124.9590, -3.0640, -43.6080



118.2360, -109.7130, -21.5930



143.2570, -6.4720, 40.2160

Rectangle

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



135.9160, 79.8660, 17.3540



132.0880, 54.1530, -28.7830



118.2360, -109.7130, -21.5930



112.5890, -117.2360, -0.8840

Sweetspot

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



135.9160, 79.8660, 17.3540



224.5320, 27.9210, 6.1050



134.5620, 47.8540, 68.8940



109.2040, 17.1010, 3.9570



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.



135.9160, 79.8660, 17.3540



134.6440, 110.1710, 24.3070



177.5930, 60.3410, -19.7790



105.4630, 6.0060, 1.2860



70.8210, 96.3710, 21.0990



19.6350, 26.1330, 5.4690

Inverse Universe

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



164.0840, -79.8660, -17.3540



173.7690, -109.8960, -23.7840



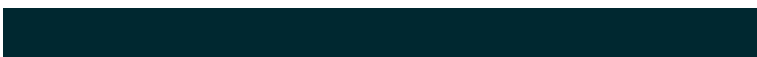
122.4070, -60.3410, 19.7790



107.5370, -6.0060, -1.2860



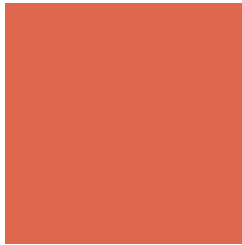
105.1790, -96.3710, -21.0990



28.9520, -26.4080, -5.9920

Previews

White Background



This preview shows how the YIQ color 135.9160, 79.8660, 17.3540 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 135.9160, 79.8660, 17.3540 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 135.9160, 79.8660, 17.3540

Background



This preview shows how black text looks on a background with the YIQ color 135.9160, 79.8660, 17.3540.



This preview shows how white text looks on a background with the YIQ color 135.9160, 79.8660,

17.3540.

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

135.9160, 79.8660, 17.3540

Protanopia

138.0020, 22.8810, -12.6950

Deuteranopia

137.5930, 43.1460, -11.0140



Tritanopia

137.4720, 72.8490, 28.8890

Trichromacy



Original Color

135.9160, 79.8660, 17.3540

Protanomaly

137.5750, 43.5570, -1.9390

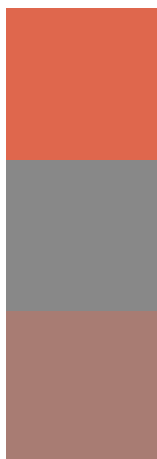
Deuteranomaly

137.0450, 56.8530, -0.6110

Tritanomaly

136.5060, 75.5090, 24.7330

Monochromacy



Original Color

135.9160, 79.8660, 17.3540

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.1300, 29.1130, 6.5290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.9160, 79.8660, 17.3540 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(223, 103, 77)` looks like.

```
.text, #text, p{  
    color:rgb(223, 103, 77)  
}
```

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(223, 103, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 103, 77) }
```

Border

The CSS property to change the border of an element to YIQ 135.9160, 79.8660, 17.3540 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(223, 103, 77) }
```


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

```
.border{ border-color:rgb(223, 103, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 103, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 103, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 103, 77);  
box-shadow:4px 4px 4px 4px rgb(223, 103,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 135.9160, 79.8660, 17.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 103, 77) }
```

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

```
.background{ background-color: rgb(223,  
103, 77) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor