

Converting Colors

YIQ(136.4280, 84.1760, 16.3360)

Have a look what the booklet for
YIQ(136.4280, 84.1760, 16.3360)
contains.

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Color

**YIQ(136.4280, 84.1760,
16.3360)**

Conversions

Conversions Part 1

Format	Color
Hex	E36747
RGB	227, 103, 71
RGB Percent	89%, 40%, 28%
CMY	0.1095, 0.5963, 0.7212
CMYK	0.00, 0.55, 0.69, 0.11
HSL	12°, 74%, 58%
HSV	12°, 69%, 89%
XYZ	37.6860, 26.4885, 9.1032
YIQ	136.4280, 84.1760, 16.3360

Conversions

Conversions Part 2

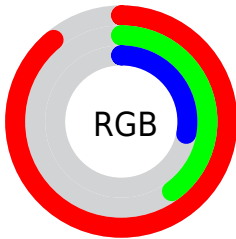
Format	Color
R_{YB}	227, 111, 71
Decimal	14903111
CIE _{Lab}	58.50, 46.21, 40.99
CIE _{LCh}	58, 61.774, 41.573
Yxy	26.4885, 0.5143, 0.3615
Android (android.graphics.Color)	4293093191 (0xFFE36747)
YUV	136.4280, -32.2560, 79.4316
Hunter-Lab	51.4670, 40.6370, 25.5400

Details

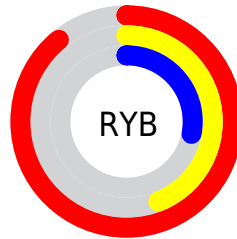
The YIQ color **136.4280, 84.1760, 16.3360** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **161.5720, -84.1760, -16.3360**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **182.1980, 69.9640, 9.5800**, and **81.5350, 76.5650, 16.6050** is the 20% darker color. If you saturate the color by 10%, you get **123.2400, 96.5090, 18.5970**, and if you desaturate by 10%, it is **149.6160, 71.8430, 14.0750**.

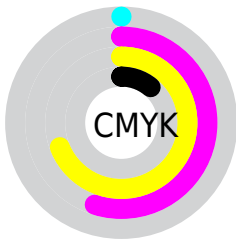
Distribution



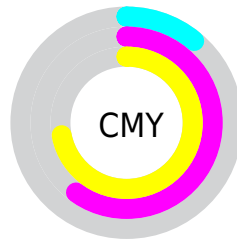
- Red (89%)
- Green (40%)
- Blue (28%)



- Red (89%)
- Yellow (44%)
- Blue (28%)



- Cyan (0%)
- Magenta (55%)
- Yellow (69%)
- Black (11%)





- Cyan (11%)
- Magenta (60%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.4280, 84.1760, 16.3360 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 136.4280, 84.1760, 16.3360 by changing the saturation by 10% instead.


 136.4280, 84.1760,
16.3360


 136.4280, 84.1760,
16.3360


255.0000, -0.0000,
-0.0000


 109.2750, 80.2330,
16.2090


 182.1980, 69.9640,
9.5800


 81.5350, 76.5650,
16.6050


 201.5980, 53.9180,
3.0220


 52.2190, 74.6390,
18.4710


 221.1120, 37.5510,
-3.2250

 31.3950, 62.5800,
22.2600

 241.2130, 20.9090,
-9.9950

 22.7240, 45.2960,
16.1120

 252.0360, 8.3460,
-8.0860

 15.1780, 29.1580,
11.2220

 0.0000, 0.0000,

0.0000

■ 136.4280, 84.1760,
16.3360

■ 136.4280, 84.1760,
16.3360

■ 123.2400, 96.5090,
18.5970

■ 149.6160, 71.8430,
14.0750

■ 110.1660,
108.5210, 21.1690

■ 162.8040, 59.5100,
11.8140

■ 96.9780, 120.8540,
23.4300

■ 175.8780, 47.4980,
9.2420

■ 94.8750, 122.6420,
24.0660

■ 189.0660, 35.1650,
6.9810

■ 202.2540, 22.8320,
4.7200

■ 215.3280, 10.8200,
2.1480

■ 228.5160, -1.5130,
-0.1130

■ 242.2910,
-14.1210, -2.8970

■ 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.



136.1390, 78.7610, 42.8970



136.4280, 84.1760, 16.3360



135.4590, 72.5820, -15.8500

Triad

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



136.4280, 84.1760, 16.3360



108.1240, -78.4840, -53.4280



129.1750, -80.2390, 16.9530

Complementary

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



136.4280, 84.1760, 16.3360



161.5720, -84.1760, -16.3360

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.



119.2740, -120.9030, -6.0150



136.4280, 84.1760, 16.3360



115.7960, -97.3310, -36.7470

Square

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



136.4280, 84.1760, 16.3360



124.5130, -7.7400, -46.9720



120.3220, -112.8310, -20.1510



144.8170, -2.1170, 43.8910

Rectangle

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



136.4280, 84.1760, 16.3360



131.8400, 57.5470, -35.2290



120.3220, -112.8310, -20.1510



114.0880, -120.0790, 1.0810

Sweetspot

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



136.4280, 84.1760, 16.3360



223.6030, 29.1590, 5.6950



131.8940, 52.8510, 71.9470



109.0900, 17.4220, 3.6460



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.



136.4280, 84.1760, 16.3360



133.7320, 112.7390, 21.8190



181.6270, 63.0010, -23.9350



108.3490, 6.3270, 0.9750



74.6530, 96.7840, 19.1200



21.1190, 27.6460, 5.5820

Inverse Universe

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



161.5720, -84.1760, -16.3360



167.2680, -112.7390, -21.8190



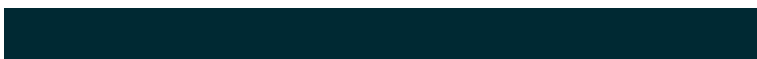
116.3730, -63.0010, 23.9350



109.6510, -6.3270, -0.9750



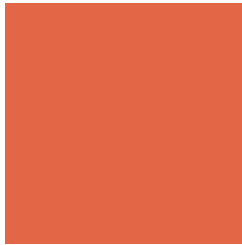
103.7600, -96.5090, -18.5970



29.8810, -27.6460, -5.5820

Previews

White Background



This preview shows how the YIQ color 136.4280, 84.1760, 16.3360 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 136.4280, 84.1760, 16.3360 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 136.4280, 84.1760, 16.3360

Background



This preview shows how black text looks on a background with the YIQ color 136.4280, 84.1760, 16.3360.



This preview shows how white text looks on a background with the YIQ color 136.4280, 84.1760,

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

136.4280, 84.1760, 16.3360

Protanopia

138.3890, 26.0450, -14.9710

Deuteranopia

138.2790, 46.9060, -13.0780



Tritanopia

138.5540, 75.5540, 29.4260

Trichromacy



Original Color

136.4280, 84.1760, 16.3360

Protanomaly

137.6740, 47.5920, -3.4800

Deuteranomaly

137.8450, 60.2920, -2.3640

Tritanomaly

137.4740, 78.5350, 24.9590

Monochromacy



Original Color

136.4280, 84.1760, 16.3360

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.0870, 30.6720, 5.8080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.4280, 84.1760, 16.3360 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, 103, 71)` looks like.

```
.text, #text, p{  
    color:rgb(227, 103, 71)  
}
```

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, 103, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 103, 71) }
```

Border

The CSS property to change the border of an element to YIQ 136.4280, 84.1760, 16.3360 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, 103, 71) }
```


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

```
.border{ border-color:rgb(227, 103, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 103, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 103, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 103, 71);  
box-shadow:4px 4px 4px 4px rgb(227, 103,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 136.4280, 84.1760, 16.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 103, 71) }
```

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

```
.background{ background-color: rgb(227,  
103, 71) }
```

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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