

Converting Colors

YIQ(136.1070, 80.6460, 14.2300)

Have a look what the booklet for
YIQ(136.1070, 80.6460, 14.2300)
contains.

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Color

**YIQ(136.1070, 80.6460,
14.2300)**

Conversions

Conversions Part 1

Format	Color
Hex	DE6947
RGB	222, 105, 71
RGB Percent	87%, 41%, 28%
CMY	0.1292, 0.5884, 0.7212
CMYK	0.00, 0.53, 0.68, 0.13
HSL	13°, 70%, 57%
HSV	13°, 68%, 87%
XYZ	36.3310, 26.0891, 9.0970
YIQ	136.1070, 80.6460, 14.2300

Conversions

Conversions Part 2

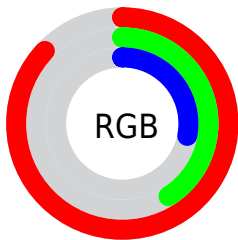
Format	Color
R_{YB}	222, 115, 71
Decimal	14575943
CIE _{Lab}	58.12, 43.38, 40.36
CIE _{LCh}	58, 59.253, 42.937
Yxy	26.0891, 0.5080, 0.3648
Android (android.graphics.Color)	4292766023 (0xFFDE6947)
YUV	136.1070, -32.0978, 75.3282
Hunter-Lab	51.0775, 37.5799, 25.1947

Details

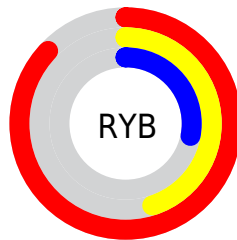
The YIQ color **136.1070, 80.6460, 14.2300** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **156.8930, -80.6460, -14.2300**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **183.3720, 69.4140, 8.5340**, and **82.1000, 73.3560, 14.1880** is the 20% darker color. If you saturate the color by 10%, you get **123.6200, 92.3830, 16.2790**, and if you desaturate by 10%, it is **148.5940, 68.9090, 12.1810**.

Distribution



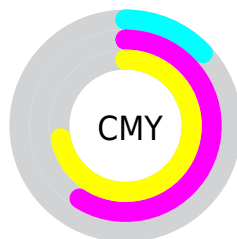
- Red (87%)
- Green (41%)
- Blue (28%)



- Red (87%)
- Yellow (45%)
- Blue (28%)



- Cyan (0%)
- Magenta (53%)
- Yellow (68%)
- Black (13%)





- Cyan (13%)
- Magenta (59%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.1070, 80.6460, 14.2300 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 136.1070, 80.6460, 14.2300 by changing the saturation by 10% instead.


 136.1070, 80.6460,
14.2300


 136.1070, 80.6460,
14.2300


255.0000, -0.0000,
-0.0000


 108.9540, 76.7030,
14.1030


 183.3720, 69.4140,
8.5340

 82.1000, 73.3560,
14.1880


 202.1850, 53.6430,
2.4990


 53.9580, 70.8800,
15.0080


 222.2860, 37.0010,
-4.2710

 30.1990, 60.1960,
21.4120

 242.3870, 20.3590,
-11.0410

 21.5280, 42.9120,
15.2640

 252.0360, 8.3460,
-8.0860

 14.2810, 27.3700,
10.5860

 0.0000, 0.0000,

0.0000

■ 136.1070, 80.6460,
14.2300

■ 136.1070, 80.6460,
14.2300

■ 123.6200, 92.3830,
16.2790

■ 148.5940, 68.9090,
12.1810

■ 111.1330,
104.1200, 18.3280

■ 161.1950, 56.8510,
10.4430

■ 97.9450, 116.4530,
20.5890

■ 174.2690, 44.8390,
7.8710

■ 95.7280, 118.5620,
20.9140

■ 186.7560, 33.1020,
5.8220

■ 199.2430, 21.3650,
3.7730

■ 211.7300, 9.6280,
1.7240

■ 224.9180, -2.7050,
-0.5370

■ 237.4050,
-14.4420, -2.5860

■ 245.1330,
-19.6680, -6.9960

Harmonies

Analogous

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



136.3620, 76.5150, 39.5470



136.1070, 80.6460, 14.2300



134.4200, 68.3180, -15.6660

Triad

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



136.1070, 80.6460, 14.2300



107.2920, -78.8970, -51.4490



131.5030, -69.4190, 19.1010

Complementary

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



136.1070, 80.6460, 14.2300



156.8930, -80.6460, -14.2300

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.



117.6440, -119.0690, -6.2130



136.1070, 80.6460, 14.2300



114.6220, -96.7810, -35.7010

Square

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



136.1070, 80.6460, 14.2300



123.8980, -10.2620, -45.3180



118.9200, -111.6390, -19.7270



143.8450, 0.6800, 42.7600

Rectangle

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



136.1070, 80.6460, 14.2300



131.8980, 51.6320, -32.6560



118.9200, -111.6390, -19.7270



112.3440, -117.9240, 0.5720

Sweetspot

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



136.1070, 80.6460, 14.2300



225.7060, 27.3710, 5.0590



129.6010, 52.1180, 68.7100



110.3780, 16.5510, 2.9110



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.



136.1070, 80.6460, 14.2300



136.0800, 111.6390, 19.7270



179.5450, 60.2960, -24.4720



105.4630, 6.0060, 1.2860



75.5170, 94.1710, 16.9150



20.8090, 25.5830, 4.4230

Inverse Universe

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



156.8930, -80.6460, -14.2300



164.9200, -111.6390, -19.7270



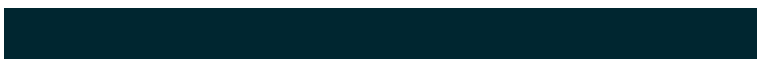
113.4550, -60.2960, 24.4720



107.5370, -6.0060, -1.2860



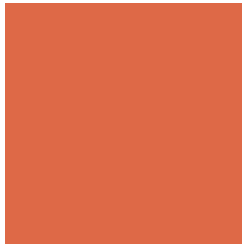
99.8960, -93.8960, -16.3920



27.7780, -25.8580, -4.9460

Previews

White Background



This preview shows how the YIQ color 136.1070, 80.6460, 14.2300 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 136.1070, 80.6460, 14.2300 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 136.1070, 80.6460, 14.2300

Background



This preview shows how black text looks on a background with the YIQ color 136.1070, 80.6460, 14.2300.



This preview shows how white text looks on a background with the YIQ color 136.1070, 80.6460,

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

136.1070, 80.6460, 14.2300

Protanopia

137.3890, 26.0450, -14.9710

Deuteranopia

137.2080, 45.6680, -12.6680



Tritanopia

137.8740, 71.6570, 28.4650

Trichromacy



Original Color

136.1070, 80.6460, 14.2300

Protanomaly

136.7770, 45.8040, -4.1160

Deuteranomaly

136.9480, 58.5040, -3.0000

Tritanomaly

137.2670, 74.6840, 23.1640

Monochromacy



Original Color

136.1070, 80.6460, 14.2300

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.0760, 29.2050, 4.8610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.1070, 80.6460, 14.2300 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, 105, 71)` looks like.

```
.text, #text, p{  
    color:rgb(222, 105, 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(222, 105, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 105, 71) }
```

Border

The CSS property to change the border of an element to YIQ 136.1070, 80.6460, 14.2300 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, 105, 71) }
```


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

```
.border{ border-color:rgb(222, 105, 71) }
```

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

Here you see how a box with a 4 pixel rgb(222, 105, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 105, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 105, 71);  
box-shadow:4px 4px 4px 4px rgb(222, 105,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 136.1070, 80.6460, 14.2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 105, 71) }
```

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

```
.background{ background-color: rgb(222,  
105, 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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