

Converting Colors

YIQ(136.0850, 77.7120, 12.3360)

Have a look what the booklet for
YIQ(136.0850, 77.7120, 12.3360)
contains.

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Color

**YIQ(136.0850, 77.7120,
12.3360)**

Conversions

Conversions Part 1

Format	Color
Hex	DA6B47
RGB	218, 107, 71
RGB Percent	85%, 42%, 28%
CMY	0.1449, 0.5805, 0.7212
CMYK	0.00, 0.51, 0.67, 0.14
HSL	15°, 67%, 57%
HSV	15°, 67%, 86%
XYZ	35.3248, 25.8766, 9.1085
YIQ	136.0850, 77.7120, 12.3360

Conversions

Conversions Part 2

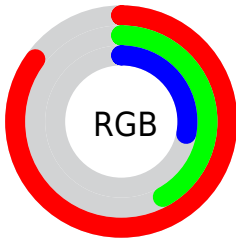
Format	Color
R_{YB}	218, 119, 71
Decimal	14314311
CIE _{Lab}	57.92, 40.87, 39.98
CIE _{LCh}	58, 57.170, 44.369
Yxy	25.8766, 0.5024, 0.3680
Android (android.graphics.Color)	4292504391 (0xFFDA6B47)
YUV	136.0850, -32.0869, 71.8395
Hunter-Lab	50.8691, 34.9342, 24.9920

Details

The YIQ color **136.0850, 77.7120, 12.3360** 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 **152.9150, -77.7120, -12.3360**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **183.9590, 69.1390, 8.0110**, and **82.6650, 70.1470, 11.7710** is the 20% darker color. If you saturate the color by 10%, you get **123.5980, 89.4490, 14.3850**, and if you desaturate by 10%, it is **147.9850, 66.2500, 10.8100**.

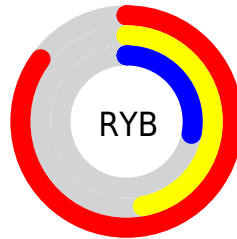
Distribution



Red (85%)

Green (42%)

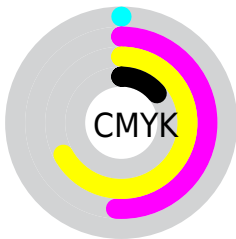
Blue (28%)



Red (85%)

Yellow (47%)

Blue (28%)

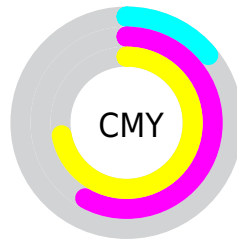


Cyan (0%)

Magenta (51%)

Yellow (67%)

Black (14%)



Cyan (14%)


Magenta (58%)

Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.0850, 77.7120, 12.3360 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 136.0850, 77.7120, 12.3360 by changing the saturation by 10% instead.


 136.0850, 77.7120,
12.3360


 136.0850, 77.7120,
12.3360


255.0000, -0.0000,
-0.0000

 108.9320, 73.7690,
12.2090


 183.9590, 69.1390,
8.0110


 82.0780, 70.4220,
12.2940


 203.3590, 53.0930,
1.4530


 55.2950, 68.3130,
11.9690


 222.8730, 36.7260,
-4.7940

 29.3020, 58.4080,
20.7760

 242.9740, 20.0840,
-11.5640

 20.6310, 41.1240,
14.6280

 252.0360, 8.3460,
-8.0860

 13.2700, 25.9030,
9.6390

 0.0000, 0.0000,

0.0000

■ 136.0850, 77.7120,
12.3360

■ 136.0850, 77.7120,
12.3360

■ 123.5980, 89.4490,
14.3850

■ 147.9850, 66.2500,
10.8100

■ 111.6980,
100.9110, 15.9110

■ 160.4720, 54.5130,
8.7610

■ 99.9120, 112.0520,
17.7480

■ 172.3720, 43.0510,
7.2350

■ 96.2930, 115.3530,
18.4970

■ 184.7450, 31.6350,
4.8750

■ 196.6450, 20.1730,
3.3490

■ 209.1320, 8.4360,
1.3000

■ 221.0320, -3.0260,
-0.2260

■ 233.5190,
-14.7630, -2.2750

■ 243.9370,
-22.0520, -7.8440

Harmonies

Analogous

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



136.1120, 74.2230, 37.0310



136.0850, 77.7120, 12.3360



134.5660, 64.9710, -15.5810

Triad

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



136.0850, 77.7120, 12.3360



107.0470, -79.5850, -49.9930



133.3360, -61.5790, 20.1890

Complementary

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



136.0850, 77.7120, 12.3360



152.9150, -77.7120, -12.3360

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.



116.0140, -117.2350, -6.4110



136.0850, 77.7120, 12.3360



114.1490, -96.8270, -34.8670

Square

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



136.0850, 77.7120, 12.3360



123.5820, -12.1880, -43.4520



118.2190, -111.0430, -19.5150



142.9870, 3.1560, 41.9400

Rectangle

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



136.0850, 77.7120, 12.3360



131.9130, 47.2760, -30.8040



118.2190, -111.0430, -19.5150



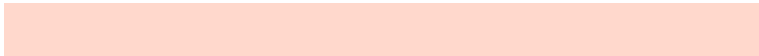
116.8680, -104.7200, 3.5680

Sweetspot

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



136.0850, 77.7120, 12.3360



226.2930, 27.0960, 4.5360



127.8350, 51.3390, 66.3070



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.



136.0850, 77.7120, 12.3360



139.8300, 109.3470, 17.2110



178.3490, 57.9120, -25.3200



103.4630, 6.0060, 1.2860



76.3810, 91.5580, 14.7100



20.2110, 24.3910, 3.9990

Inverse Universe

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



152.9150, -77.7120, -12.3360



163.7570, -109.6220, -17.7340



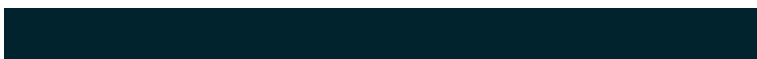
110.6510, -57.9120, 25.3200



104.9500, -5.7310, -0.7630



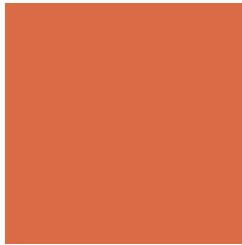
96.6190, -91.5580, -14.7100



25.7890, -24.3910, -3.9990

Previews

White Background



This preview shows how the YIQ color 136.0850, 77.7120, 12.3360 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 136.0850, 77.7120, 12.3360 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 136.0850, 77.7120, 12.3360

Background



This preview shows how black text looks on a background with the YIQ color 136.0850, 77.7120, 12.3360.



This preview shows how white text looks on a background with the YIQ color 136.0850, 77.7120,

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

136.0850, 77.7120, 12.3360

Protanopia

137.2750, 26.3660, -15.2820

Deuteranopia

136.9090, 45.0720, -12.8800



Tritanopia

138.0800, 68.0810, 27.1930

Trichromacy



Original Color

136.0850, 77.7120, 12.3360

Protanomaly

136.9510, 45.2540, -5.1620

Deuteranomaly

136.9370, 57.0370, -3.9470

Tritanomaly

137.3590, 71.4290, 21.5810

Monochromacy



Original Color

136.0850, 77.7120, 12.3360

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.7770, 28.6090, 4.6490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.0850, 77.7120, 12.3360 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(218, 107, 71)` looks like.

```
.text, #text, p{  
    color:rgb(218, 107, 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(218, 107, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 107, 71) }
```

Border

The CSS property to change the border of an element to YIQ 136.0850, 77.7120, 12.3360 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(218, 107, 71) }
```


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

```
.border{ border-color:rgb(218, 107, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 107, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 107, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 107, 71);  
box-shadow:4px 4px 4px 4px rgb(218, 107,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 136.0850, 77.7120, 12.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 107, 71) }
```

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

```
.background{ background-color: rgb(218,  
107, 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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