

Converting Colors

YIQ(136.7800, 77.2530, 15.1490)

Have a look what the booklet for
YIQ(136.7800, 77.2530, 15.1490)
contains.

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Color

**YIQ(136.7800, 77.2530,
15.1490)**

Conversions

Conversions Part 1

Format	Color
Hex	DC6A4D
RGB	220, 106, 77
RGB Percent	86%, 42%, 30%
CMY	0.1370, 0.5845, 0.6977
CMYK	0.00, 0.52, 0.65, 0.14
HSL	12°, 67%, 58%
HSV	12°, 65%, 86%
XYZ	36.0264, 26.0609, 10.1682
YIQ	136.7800, 77.2530, 15.1490

Conversions

Conversions Part 2

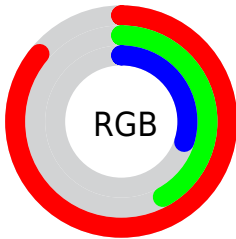
Format	Color
R _Y B	220, 113, 77
Decimal	14445133
CIE Lab	58.09, 42.48, 37.01
CIE LCh	58, 56.340, 41.066
Yxy	26.0609, 0.4986, 0.3607
Android (android.graphics.Color)	4292635213 (0xFFDC6A4D)
YUV	136.7800, -29.4715, 72.9839
Hunter-Lab	51.0499, 36.6317, 23.9255

Details

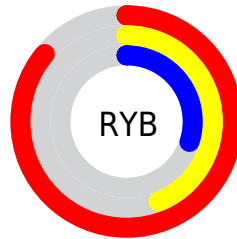
The YIQ color **136.7800, 77.2530, 15.1490** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **160.2200, -77.2530, -15.1490**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **184.6430, 67.2130, 9.8770**, and **82.7730, 69.9630, 15.1070** is the 20% darker color. If you saturate the color by 10%, you get **123.7060, 89.2650, 17.7210**, and if you desaturate by 10%, it is **149.8540, 65.2410, 12.5770**.

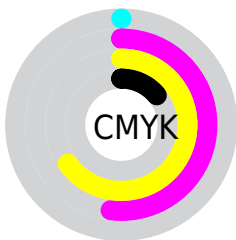
Distribution



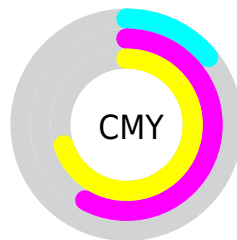
- Red (86%)
- Green (42%)
- Blue (30%)



- Red (86%)
- Yellow (44%)
- Blue (30%)



- Cyan (0%)
- Magenta (52%)
- Yellow (65%)
- Black (14%)




- Cyan (14%)
- Magenta (58%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.7800, 77.2530, 15.1490 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 136.7800, 77.2530, 15.1490 by changing the saturation by 10% instead.


 136.7800, 77.2530,
15.1490


 136.7800, 77.2530,
15.1490


255.0000, -0.0000,
-0.0000


 109.6270, 73.3100,
15.0220


 184.6430, 67.2130,
9.8770

 82.7730, 69.9630,
15.1070


 203.4560, 51.4420,
3.8420


 55.6310, 67.4870,
15.9270


 223.5570, 34.8000,
-2.9280

 29.9000, 59.6000,
21.2000

 243.7720, 17.8370,
-9.3870

 21.2290, 42.3160,
15.0520

 252.8340, 6.0990,
-5.9090

 13.9820, 26.7740,
10.3740

 0.0000, 0.0000,

0.0000

■ 136.7800, 77.2530,
15.1490

■ 136.7800, 77.2530,
15.1490

■ 123.7060, 89.2650,
17.7210

■ 149.8540, 65.2410,
12.5770

■ 111.2190,
101.0020, 19.7700

■ 162.3410, 53.5040,
10.5280

■ 98.1450, 113.0140,
22.3420

■ 175.4150, 41.4920,
7.9560

■ 91.6080, 119.0200,
23.6280

■ 187.9020, 29.7550,
5.9070

■ 200.9760, 17.7430,
3.3350

■ 213.4630, 6.0060,
1.2860

■ 226.5370, -6.0060,
-1.2860

■ 239.0240,
-17.7430, -3.3350

■ 244.5350,
-20.8600, -7.4200

Harmonies

Analogous

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



137.0840, 71.4260, 38.1620



136.7800, 77.2530, 15.1490



135.7450, 66.0250, -12.6550

Triad

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



136.7800, 77.2530, 15.1490



106.5910, -78.3010, -51.2370



131.0360, -69.6020, 16.9100

Complementary

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



136.7800, 77.2530, 15.1490



160.2200, -77.2530, -15.1490

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.



116.9600, -117.1430, -8.0790



136.7800, 77.2530, 15.1490



113.5790, -95.2220, -36.4220

Square

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



136.7800, 77.2530, 15.1490



125.9310, -5.8610, -42.4770



117.6490, -109.4380, -21.0700



143.8830, -2.4830, 39.5090

Rectangle

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



136.7800, 77.2530, 15.1490



133.4620, 50.1640, -28.0760



117.6490, -109.4380, -21.0700



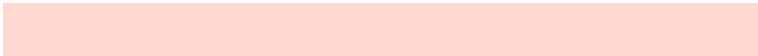
112.2470, -116.2730, -1.8170

Sweetspot

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



136.7800, 77.2530, 15.1490



226.6350, 26.1330, 5.4690



132.7530, 48.6340, 65.7700



110.4920, 16.2300, 3.2220



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.



136.7800, 77.2530, 15.1490



138.9810, 107.6040, 21.2680



178.4570, 57.7280, -21.9840



103.4630, 6.0060, 1.2860



72.2720, 93.4830, 18.3710



19.0370, 24.9410, 5.0450

Inverse Universe

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



160.2200, -77.2530, -15.1490



172.0190, -107.6040, -21.2680



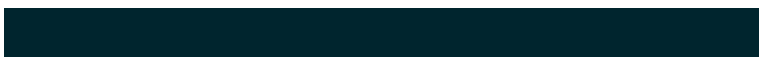
118.5430, -57.7280, 21.9840



104.9500, -5.7310, -0.7630



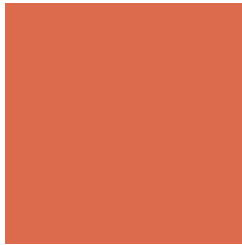
100.7280, -93.4830, -18.3710



26.9630, -24.9410, -5.0450

Previews

White Background



This preview shows how the YIQ color 136.7800, 77.2530, 15.1490 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 136.7800, 77.2530, 15.1490 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 136.7800, 77.2530, 15.1490

Background



This preview shows how black text looks on a background with the YIQ color 136.7800, 77.2530, 15.1490.



This preview shows how white text looks on a background with the YIQ color 136.7800, 77.2530,

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

136.7800, 77.2530, 15.1490

Protanopia

138.1870, 23.7980, -12.7940

Deuteranopia

137.7070, 42.8250, -10.7030



Tritanopia

138.6780, 69.2730, 27.6170

Trichromacy



Original Color

136.7800, 77.2530, 15.1490

Protanomaly

137.7490, 43.0070, -2.9850

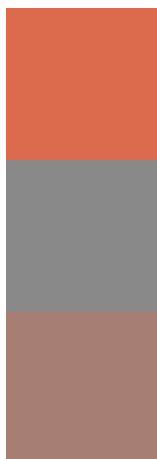
Deuteranomaly

137.1480, 55.0650, -1.2470

Tritanomaly

137.5980, 72.2540, 23.1500

Monochromacy



Original Color

136.7800, 77.2530, 15.1490

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.0050, 27.9670, 5.2710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.7800, 77.2530, 15.1490 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(220, 106, 77)` looks like.

```
.text, #text, p{  
    color:rgb(220, 106, 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(220, 106, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 106, 77) }
```

Border

The CSS property to change the border of an element to YIQ 136.7800, 77.2530, 15.1490 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(220, 106, 77) }
```


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

```
.border{ border-color:rgb(220, 106, 77) }
```

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

Here you see how a box with a 4 pixel rgb(220, 106, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 106, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 106, 77);  
box-shadow:4px 4px 4px 4px rgb(220, 106,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 136.7800, 77.2530, 15.1490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 106, 77) }
```

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

```
.background{ background-color: rgb(220,  
106, 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](#).

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