

Converting Colors

YIQ(142.2060, 84.6810, 12.6890)

Have a look what the booklet for
YIQ(142.2060, 84.6810, 12.6890)
contains.

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Color

**YIQ(142.2060, 84.6810,
12.6890)**

Conversions

Conversions Part 1

Format	Color
Hex	E76F46
RGB	231, 111, 70
RGB Percent	91%, 44%, 27%
CMY	0.0939, 0.5649, 0.7251
CMYK	0.00, 0.52, 0.70, 0.09
HSL	15°, 77%, 59%
HSV	15°, 70%, 91%
XYZ	39.7638, 28.8012, 9.2733
YIQ	142.2060, 84.6810, 12.6890

Conversions

Conversions Part 2

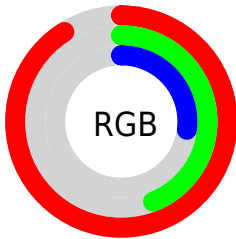
Format	Color
R_{YB}	231, 125, 70
Decimal	15167302
CIE Lab	60.61, 43.76, 44.08
CIE LCh	61, 62.115, 45.213
Yxy	28.8012, 0.5109, 0.3700
Android (android.graphics.Color)	4293357382 (0xFFE76F46)
YUV	142.2060, -35.5976, 77.8723
Hunter-Lab	53.6667, 38.3408, 27.3218

Details

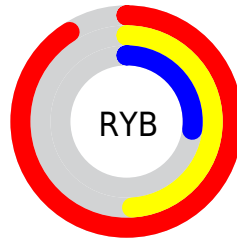
The YIQ color **142.2060, 84.6810, 12.6890** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **158.7940, -84.6810, -12.6890**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **186.7800, 68.0850, 5.0850**, and **87.7860, 77.1160, 12.1240** is the 20% darker color. If you saturate the color by 10%, you get **129.6050, 96.7390, 14.4270**, and if you desaturate by 10%, it is **154.8070, 72.6230, 10.9510**.

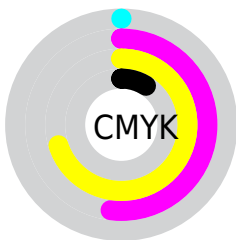
Distribution



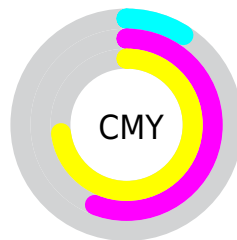
- Red (91%)
- Green (44%)
- Blue (27%)



- Red (91%)
- Yellow (49%)
- Blue (27%)



- Cyan (0%)
- Magenta (52%)
- Yellow (70%)
- Black (9%)



- Cyan (9%)
- Magenta (56%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.2060, 84.6810, 12.6890 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 142.2060, 84.6810, 12.6890 by changing the saturation by 10% instead.

142.2060, 84.6810,
12.6890

142.2060, 84.6810,
12.6890

255.0000, -0.0000,
-0.0000

114.9390, 81.0590,
12.2510

186.7800, 68.0850,
5.0850

87.7860, 77.1160,
12.1240

206.1800, 52.0390,
-1.4730

59.7580, 74.3190,
13.2550

225.6940, 35.6720,
-7.7200

32.5910, 64.9640,
23.1080

245.9090, 18.7090,
-14.1790

23.9200, 47.6800,
16.9600

252.0360, 8.3460,
-8.0860

16.3740, 31.5420,
12.0700

2.6910, 5.3640,

1.9080

■ 0.0000, 0.0000,
0.0000

■ 142.2060, 84.6810,
12.6890

■ 142.2060, 84.6810,
12.6890

■ 129.6050, 96.7390,
14.4270

■ 154.8070, 72.6230,
10.9510

■ 116.4170,
109.0720, 16.6880

■ 167.4080, 60.5650,
9.2130

■ 103.8160,
121.1300, 18.4260

■ 180.5960, 48.2320,
6.9520

■ 103.7020,
121.4510, 18.1150

■ 193.3110, 35.8530,
5.5250

■ 205.9120, 23.7950,
3.7870

218.5130, 11.7370,
2.0490

231.7010, -0.5960,
-0.2120

244.3020,
-12.6540, -1.9500

247.8240,
-14.3040, -5.0880

Harmonies

Analogous

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



142.2270, 81.3290, 40.4090



142.2060, 84.6810, 12.6890



140.5680, 70.6570, -19.5110

Triad

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



142.2060, 84.6810, 12.6890



113.0140, -83.9860, -52.8340



139.5790, -66.5770, 22.6630

Complementary

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



142.2060, 84.6810, 12.6890



158.7940, -84.6810, -12.6890

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.



122.6480, -124.8920, -5.3080



142.2060, 84.6810, 12.6890



120.6860, -102.8330, -36.1530

Square

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



142.2060, 84.6810, 12.6890



128.5660, -15.2590, -48.3710



124.6250, -118.0580, -19.0340



150.4050, 5.0350, 46.4350

Rectangle

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



142.2060, 84.6810, 12.6890



137.5620, 52.4580, -36.6140



124.6250, -118.0580, -19.0340



116.5330, -122.8300, 1.3780

Sweetspot

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



142.2060, 84.6810, 12.6890



225.3640, 28.3340, 4.1260



131.9330, 57.1150, 71.7630



110.2640, 16.8720, 2.6000



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.



142.2060, 84.6810, 12.6890



136.6840, 112.6940, 17.1260



189.1660, 62.6810, -29.1510



108.3490, 6.3270, 0.9750



79.9360, 94.3090, 14.4130



22.8800, 26.8210, 4.0130

Inverse Universe

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



158.7940, -84.6810, -12.6890



159.3160, -112.6940, -17.1260



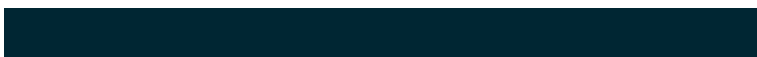
111.8340, -62.6810, 29.1510



109.6510, -6.3270, -0.9750



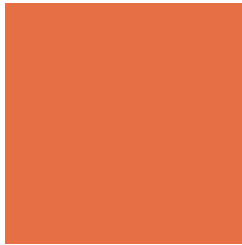
98.4770, -94.0340, -13.8900



28.1200, -26.8210, -4.0130

Previews

White Background



This preview shows how the YIQ color 142.2060, 84.6810, 12.6890 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 142.2060, 84.6810, 12.6890 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 142.2060, 84.6810, 12.6890

Background



This preview shows how black text looks on a background with the YIQ color 142.2060, 84.6810, 12.6890.



This preview shows how white text looks on a background with the YIQ color 142.2060, 84.6810,

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

142.2060, 84.6810, 12.6890

Protanopia

143.7760, 29.2090, -17.2470

Deuteranopia

143.3070, 49.7030, -14.2090



Tritanopia

144.7710, 73.4450, 29.1010

Trichromacy



Original Color

142.2060, 84.6810, 12.6890

Protanomaly

143.1640, 48.9680, -6.3920

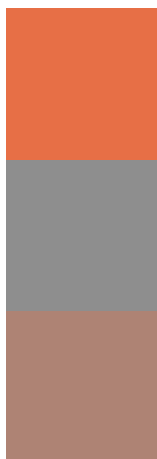
Deuteranomaly

143.0470, 62.5390, -4.5410

Tritanomaly

143.8220, 77.4350, 22.8670

Monochromacy



Original Color

142.2060, 84.6810, 12.6890

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

142.1470, 30.4430, 4.4510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.2060, 84.6810, 12.6890 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(231, 111, 70)` looks like.

```
.text, #text, p{  
    color:rgb(231, 111, 70)  
}
```

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(231, 111, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 111, 70) }
```

Border

The CSS property to change the border of an element to YIQ 142.2060, 84.6810, 12.6890 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(231, 111, 70) }
```


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

```
.border{ border-color:rgb(231, 111, 70) }
```

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

Here you see how a box with a 4 pixel rgb(231, 111, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 111, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 111, 70);  
box-shadow:4px 4px 4px 4px rgb(231, 111,  
70) }
```

Background

The CSS property to change the background color of an element to YIQ 142.2060, 84.6810, 12.6890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 111, 70) }
```

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

```
.background{ background-color: rgb(231,  
111, 70) }
```

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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