

Converting Colors

YIQ(124.8860, 87.4370,
-15.2430)

Have a look what the booklet for
YIQ(124.8860, 87.4370, -15.2430)
contains.

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Color

**YIQ(124.8860, 87.4370,
-15.2430)**

Conversions

Conversions Part 1

Format	Color
Hex	C76F02
RGB	199, 111, 2
RGB Percent	78%, 44%, 1%
CMY	0.2195, 0.5648, 0.9917
CMYK	0.00, 0.44, 0.99, 0.22
HSL	33°, 98%, 39%
HSV	33°, 99%, 78%
XYZ	29.2547, 23.5124, 3.0571
YIQ	124.8860, 87.4370, -15.2430

Conversions

Conversions Part 2

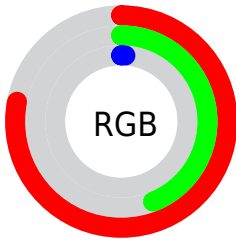
Format	Color
R_{YB}	161, 199, 2
Decimal	13070082
CIE _{Lab}	55.60, 28.98, 62.65
CIE _{LCh}	56, 69.034, 65.174
Yxy	23.5124, 0.5241, 0.4212
Android (android.graphics.Color)	4291260162 (0xFFC76F02)
YUV	124.8860, -60.5828, 64.9980
Hunter-Lab	48.4896, 22.8356, 30.2048

Details

The YIQ color **124.8860, 87.4370, -15.2430** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **76.1140, -87.4370, 15.2430**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.5640, 85.6480, -10.3520**, and **77.6560, 65.1980, -3.1700** is the 20% darker color. If you saturate the color by 10%, you get **124.0710, 88.3540, -15.3420**, and if you desaturate by 10%, it is **132.4490, 78.5420, -13.7300**.

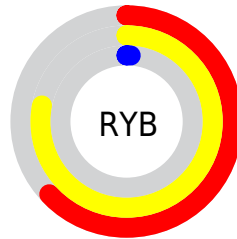
Distribution



Red (78%)

Green (44%)

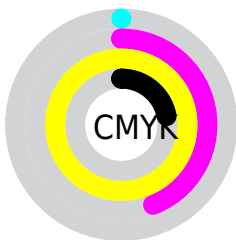
Blue (1%)



Red (63%)

Yellow (78%)

Blue (1%)

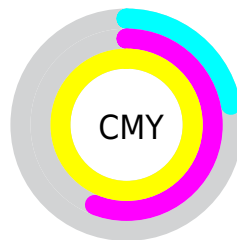


Cyan (0%)

Magenta (44%)

Yellow (99%)

Black (22%)



Cyan (22%)

Magenta (56%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.8860, 87.4370, -15.2430 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 124.8860, 87.4370, -15.2430 by changing the saturation by 10% instead.

124.8860, 87.4370,
-15.2430

124.8860, 87.4370,
-15.2430

255.0000, -0.0000,
-0.0000

100.7140, 76.4780,
-9.3620

179.5640, 85.6480,
-10.3520

77.6560, 65.1980,
-3.1700

199.0780, 69.2810,
-16.5990

55.4840, 54.2390,
2.7110

218.4780, 53.2350,
-23.1570

32.7250, 43.5550,
9.1150

237.9920, 36.8680,
-29.4040

15.8470, 31.5880,
11.2360

245.8800, 25.6800,
-24.8800

6.5780, 13.1120,
4.6640

249.0720, 16.6920,

0.0000, 0.0000,

-16.1720

0.0000

■ 252.3780, 7.3830,
-7.1530

■ 124.8860, 87.4370,
-15.2430

■ 124.8860, 87.4370,
-15.2430

■ 124.0710, 88.3540,
-15.3420

■ 132.4490, 78.5420,
-13.7300

■ 140.0120, 69.6470,
-12.2170

■ 147.5750, 60.7520,
-10.7040

■ 155.1380, 51.8570,
-9.1910

■ 162.1140, 43.2370,
-7.1550

■ 169.6770, 34.3420,
-5.6420

■ 177.1260, 25.7680,
-4.4400

■ 184.6890, 16.8730,
-2.9270

■ 192.2520, 7.9780,
-1.4140

Harmonies

Analogous

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



125.4280, 93.3440, 26.4000



124.8860, 87.4370, -15.2430



123.8070, 53.1460, -38.0700

Triad

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



124.8860, 87.4370, -15.2430



110.1080, -89.5820, -39.5180



135.8460, -18.2560, 44.5280

Complementary

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



124.8860, 87.4370, -15.2430



76.1140, -87.4370, 15.2430

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.



109.2610, -118.8880, 7.0320



124.8860, 87.4370, -15.2430



116.2470, -108.2460, -20.6460

Square

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



124.8860, 87.4370, -15.2430



101.2790, -68.8550, -57.2310



117.3990, -119.7570, -4.7570



132.6120, 44.4170, 59.5930

Rectangle

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



124.8860, 87.4370, -15.2430



118.3040, 26.2810, -52.3030



117.3990, -119.7570, -4.7570



131.9070, -46.5890, 34.8750

Sweetspot

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



124.8860, 87.4370, -15.2430



226.3780, 33.7460, -5.8540



71.0490, 88.8430, 69.4430



110.4290, 20.5410, -3.3230



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.



124.8860, 87.4370, -15.2430



159.0120, 113.2050, -19.6830



173.5520, 57.2770, -63.3870



95.6260, 3.9890, -0.7070



101.5670, 72.3980, -12.5140



22.5040, 15.9560, -2.8280

Inverse Universe

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



76.1140, -87.4370, 15.2430



95.9880, -113.2050, 19.6830



27.4480, -57.2770, 63.3870



93.3740, -3.9890, 0.7070



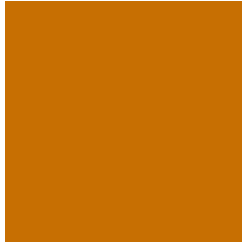
61.4330, -72.3980, 12.5140



13.4960, -15.9560, 2.8280

Previews

White Background



This preview shows how the YIQ color 124.8860, 87.4370, -15.2430 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 124.8860, 87.4370, -15.2430 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 124.8860, 87.4370, -15.2430

Background



This preview shows how black text looks on a background with the YIQ color 124.8860, 87.4370, -15.2430.



This preview shows how white text looks on a background with the YIQ color 124.8860, 87.4370, -15.2430.

-15.2430.

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

124.8860, 87.4370, -15.2430

Protanopia

125.6310, 48.0100, -33.0940

Deuteranopia

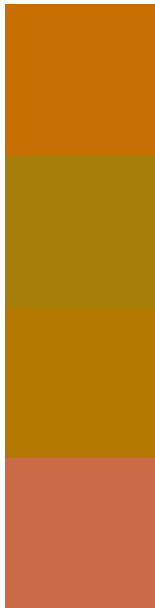
125.0800, 65.7990, -30.5930



Tritanopia

133.8120, 57.0320, 23.6880

Trichromacy



Original Color

124.8860, 87.4370, -15.2430

Protanomaly

125.4480, 61.9470, -26.8610

Deuteranomaly

124.9610, 73.6840, -24.8120

Tritanomaly

130.7140, 68.4510, 9.4670

Monochromacy



Original Color

124.8860, 87.4370, -15.2430

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.0080, 31.9120, -5.6560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.8860, 87.4370, -15.2430 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(199, 111, 2)` looks like.

```
.text, #text, p{  
    color:rgb(199, 111, 2)  
}
```

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(199, 111, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 111, 2) }
```

Border

The CSS property to change the border of an element to YIQ 124.8860, 87.4370, -15.2430 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(199, 111, 2) }
```


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

```
.border{ border-color:rgb(199, 111, 2) }
```

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

Here you see how a box with a 4 pixel rgb(199, 111, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 111, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 111, 2);  
box-shadow:4px 4px 4px 4px rgb(199, 111,  
2) }
```

Background

The CSS property to change the background color of an element to YIQ 124.8860, 87.4370, -15.2430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 111, 2) }
```

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

```
.background{ background-color: rgb(199,  
111, 2) }
```

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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