

# Converting Colors

YIQ(140.8930, 77.5320, -6.4360)

Have a look what the booklet for  
YIQ(140.8930, 77.5320, -6.4360)  
contains.

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# Color

**YIQ(140.8930, 77.5320,  
-6.4360)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D37C2C
RGB	211, 124, 44
RGB Percent	83%, 49%, 17%
CMY	0.1724, 0.5138, 0.8271
CMYK	0.00, 0.41, 0.79, 0.17
HSL	29°, 66%, 50%
HSV	29°, 79%, 83%
XYZ	34.5349, 28.4434, 6.0621
YIQ	140.8930, 77.5320, -6.4360

# Conversions

## Conversions Part 2

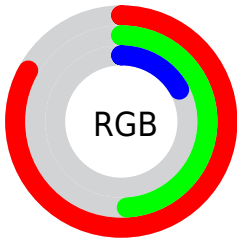
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">211, 198, 44</a>
Decimal	<a href="#">13859884</a>
CIELab	<a href="#">60.29, 27.96, 55.16</a>
CIELCh	<a href="#">60, 61.844, 63.118</a>
Yxy	<a href="#">28.4434, 0.5002, 0.4120</a>
Android (android.graphics.Color)	<a href="#">4292049964 (0xFFD37C2C)</a>
YUV	<a href="#">140.8930, -47.7682, 61.4838</a>
Hunter-Lab	<a href="#">53.3324, 22.2543, 30.5934</a>

# Details

The YIQ color **140.8930, 77.5320, -6.4360** 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 **114.1070, -77.5320, 6.4360**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.0880, 72.4890, -8.6550**, and **88.5870, 69.6460, -6.6900** is the 20% darker color. If you saturate the color by 10%, you get **132.0420, 87.2980, -7.2140**, and if you desaturate by 10%, it is **149.7440, 67.7660, -5.6580**.

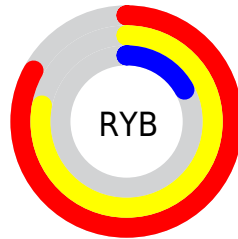
# Distribution



Red (83%)

Green (49%)

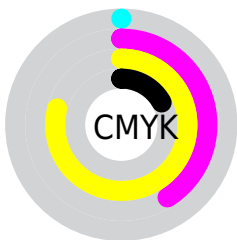
Blue (17%)



Red (83%)

Yellow (78%)

Blue (17%)

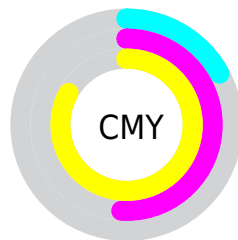


Cyan (0%)

Magenta (41%)

Yellow (79%)

Black (17%)



Cyan (17%)

Magenta (51%)


Yellow (83%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 140.8930, 77.5320, -6.4360 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 140.8930, 77.5320, -6.4360 by changing the saturation by 10% instead.





 140.8930, 77.5320,  
-6.4360


 140.8930, 77.5320,  
-6.4360


255.0000, -0.0000,  
-0.0000


 113.9420, 75.8360,  
-8.7400


 191.0880, 72.4890,  
-8.6550


 88.5870, 69.6460,  
-6.6900


 210.4880, 56.4430,  
-15.2130


 65.5290, 58.3660,  
-0.4980


 230.0020, 40.0760,  
-21.4600

 43.3570, 47.4070,  
5.3830

 245.9940, 25.3590,  
-24.5690

 20.8970, 37.3190,  
11.9990

 249.1860, 16.3710,  
-15.8610

 12.3730, 24.1150,  
9.0030

 252.4920, 7.0620,

 0.0000, 0.0000,

-6.8420

0.0000

■ 140.8930, 77.5320,  
-6.4360

■ 140.8930, 77.5320,  
-6.4360

■ 132.0420, 87.2980,  
-7.2140

■ 149.7440, 67.7660,  
-5.6580

■ 123.1910, 97.0640,  
-7.9920

■ 158.5950, 58.0000,  
-4.8800

■ 122.3760, 97.9810,  
-8.0910

■ 167.4460, 48.2340,  
-4.1020

■ 176.4110, 38.1470,  
-3.0130

■ 185.2620, 28.3810,  
-2.2350

■ 194.1130, 18.6150,  
-1.4570

■ 202.9640, 8.8490,  
-0.6790

■ 211.8150, -0.9170,  
0.0990

■ 220.6660,  
-10.6830, 0.8770

# Harmonies

## Analogous

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



141.1820, 85.2290, 24.7890



140.8930, 77.5320, -6.4360



137.2850, 54.7960, -34.9320

# Triad

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



140.8930, 77.5320, -6.4360



117.4770, -95.1750, -42.7830



147.9010, -20.0890, 39.1990

# Complementary

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



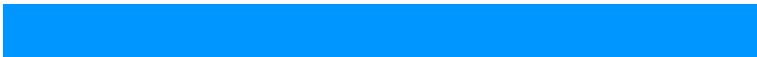
140.8930, 77.5320, -6.4360



114.1070, -77.5320, 6.4360

# 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.



117.1200, -123.1050, 0.8550



140.8930, 77.5320, -6.4360



123.0460, -112.2340, -25.4660

# Square

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



140.8930, 77.5320, -6.4360



108.6310, -75.7780, -58.4180



123.8560, -122.7820, -10.5100



147.6770, 36.6240, 52.1440



# Rectangle

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



140.8930, 77.5320, -6.4360



133.9870, 26.0960, -43.4400



123.8560, -122.7820, -10.5100



144.3540, -43.6540, 31.2420

# Sweetspot

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



140.8930, 77.5320, -6.4360



229.2620, 28.3810, -2.2350



104.0790, 70.9630, 63.0830



112.0420, 17.3770, -1.0470



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.



140.8930, 77.5320, -6.4360



153.4500, 112.3320, -9.3640



188.4400, 55.2570, -48.7990



100.2240, 5.1810, -0.2830



97.7790, 77.8530, -6.7470



23.9990, 18.9360, -1.7680



# Inverse Universe

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



114.1070, -77.5320, 6.4360



114.5500, -112.3320, 9.3640



66.5600, -55.2570, 48.7990



98.7760, -5.1810, 0.2830



70.8080, -78.1280, 6.2240



17.0010, -18.9360, 1.7680



# Previews

## White Background



This preview shows how the YIQ color 140.8930, 77.5320, -6.4360 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 140.8930, 77.5320, -6.4360 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 140.8930, 77.5320, -6.4360**

## **Background**



This preview shows how black text looks on a background with the YIQ color 140.8930, 77.5320, -6.4360.



This preview shows how white text looks on a background with the YIQ color 140.8930, 77.5320, -6.4360.

-6.4360.

# 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

140.8930, 77.5320, -6.4360

### Protanopia

140.1390, 40.9480, -26.2520

### Deuteranopia

140.1690, 58.5990, -21.2490



## Tritanopia

146.5130, 56.4360, 23.4760

# Trichromacy



## Original Color

140.8930, 77.5320, -6.4360

## Protanomaly

140.2980, 53.9220, -19.0860

## Deuteranomaly

140.4520, 65.2920, -15.8920

## Tritanomaly

144.6690, 64.3240, 12.6760

# Monochromacy



## Original Color

140.8930, 77.5320, -6.4360

## Achromatopsia

141.0000, -0.0000, -0.0000

## Achromatomaly

140.9630, 27.7850, -2.4470

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 140.8930, 77.5320, -6.4360 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(211, 124, 44)` looks like.

```
.text, #text, p{  
    color:rgb(211, 124, 44)  
}
```

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(211, 124, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 124, 44) }
```

## Border

The CSS property to change the border of an element to YIQ 140.8930, 77.5320, -6.4360 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(211, 124, 44) }
```



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

```
.border{ border-color:rgb(211, 124, 44) }
```

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

Here you see how a box with a 4 pixel rgb(211, 124, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 124, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 124, 44);  
box-shadow:4px 4px 4px 4px rgb(211, 124,  
44) }
```

# Background

The CSS property to change the background color of an element to YIQ 140.8930, 77.5320, -6.4360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 124, 44) }
```

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

```
.background{ background-color: rgb(211,  
124, 44) }
```

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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