

# Converting Colors

YIQ(151.3720, 86.6090, -0.2310)

Have a look what the booklet for  
YIQ(151.3720, 86.6090, -0.2310)  
contains.

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# Color

**YIQ(151.3720, 86.6090,  
-0.2310)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EA8037
RGB	234, 128, 55
RGB Percent	92%, 50%, 22%
CMY	0.0821, 0.4982, 0.7839
CMYK	0.00, 0.45, 0.76, 0.08
HSL	24°, 81%, 57%
HSV	24°, 76%, 92%
XYZ	42.3544, 33.2048, 7.8041
YIQ	151.3720, 86.6090, -0.2310

# Conversions

## Conversions Part 2

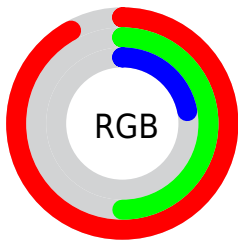
Format	Color
<a href="#">RYB</a>	<a href="#">234, 178, 55</a>
Decimal	<a href="#">15368247</a>
CIELab	<a href="#">64.33, 35.67, 55.42</a>
CIELCh	<a href="#">64, 65.904, 57.230</a>
Yxy	<a href="#">33.2048, 0.5081, 0.3983</a>
Android (android.graphics.Color)	<a href="#">4293558327</a> ( <a href="#">0xFFEA8037</a> )
YUV	<a href="#">151.3720, -47.5114, 72.4648</a>
Hunter-Lab	<a href="#">57.6236, 30.3592, 32.3067</a>

# Details

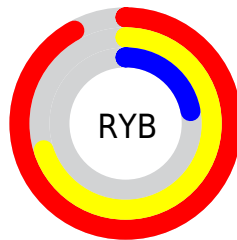
The YIQ color **151.3720, 86.6090, -0.2310** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle washed orange. A complement of this color would be **137.6280, -86.6090, 0.2310**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.1630, 67.9040, -8.1600**, and **96.6270, 81.3370, -3.8070** is the 20% darker color. If you saturate the color by 10%, you get **140.5320, 97.8420, -0.0620**, and if you desaturate by 10%, it is **162.3260, 75.0550, -0.0890**.

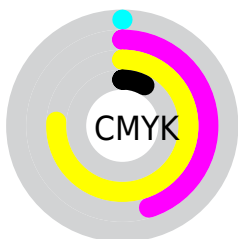
# Distribution



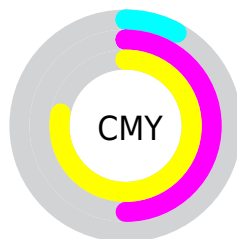
- Red (92%)
- Green (50%)
- Blue (22%)



- Red (92%)
- Yellow (70%)
- Blue (22%)



- Cyan (0%)
- Magenta (45%)
- Yellow (76%)
- Black (8%)




- Cyan (8%)
- Magenta (50%)
- Yellow (78%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 151.3720, 86.6090, -0.2310 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 151.3720, 86.6090, -0.2310 by changing the saturation by 10% instead.





 151.3720, 86.6090,  
-0.2310


 151.3720, 86.6090,  
-0.2310


255.0000, -0.0000,  
-0.0000


 123.8770, 83.6290,  
-1.2910


 195.1630, 67.9040,  
-8.1600


 96.6270, 81.3370,  
-3.8070


 214.6770, 51.5370,  
-14.4070

 72.9820, 70.3320,  
2.9080

 234.1910, 35.1700,  
-20.6540

 49.3370, 59.3270,  
9.6230

 247.2480, 21.8280,  
-21.1480

 24.8170, 49.4680,  
17.5960

 250.5540, 12.5190,  
-12.1290

 16.4450, 32.7800,  
11.6600

 253.7460, 3.5310,

 7.2900, 13.9830,

-3.4210

5.3990

■ 0.0000, 0.0000,  
0.0000

■ 151.3720, 86.6090,  
-0.2310

■ 151.3720, 86.6090,  
-0.2310

■ 140.5320, 97.8420,  
-0.0620

■ 162.3260, 75.0550,  
-0.0890

■ 129.5780,  
109.3960, -0.2040


■ 173.1660, 63.8220,  
-0.2580


■ 125.7310,  
113.3390, -0.0770

■ 184.0060, 52.5890,  
-0.4270


■ 194.3730, 41.3100,  
0.2380

■ 205.2130, 30.0770,  
0.0690

 216.1670, 18.5230,  
0.2110

 227.0070, 7.2900,  
0.0420

 237.8470, -3.9430,  
-0.1270

 247.5470,  
-11.9660, -3.4060

# Harmonies

## Analogous

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



149.9640, 89.0790, 32.1110



151.3720, 86.6090, -0.2310



147.3850, 66.2580, -33.4060

# Triad

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



151.3720, 86.6090, -0.2310



124.2930, -97.8330, -49.6810



156.3660, -34.7600, 35.2560

# Complementary

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



151.3720, 86.6090, -0.2310



137.6280, -86.6090, 0.2310

# 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.



125.3380, -126.9550, -6.4670



151.3720, 86.6090, -0.2310



131.1330, -117.0930, -31.0210

# Square

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



151.3720, 86.6090, -0.2310



126.8910, -53.0830, -56.7230



133.4420, -130.4840, -14.1000



159.6640, 29.4710, 55.1270



# Rectangle

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



151.3720, 86.6090, -0.2310



144.1640, 38.6590, -45.3490



133.4420, -130.4840, -14.1000



149.1020, -60.8000, 22.5920

# Sweetspot

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



151.3720, 86.6090, -0.2310



227.7290, 28.5640, -0.0440



120.7190, 72.3370, 71.2250



110.9820, 17.6060, 0.3100



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.



151.3720, 86.6090, -0.2310



146.6170, 113.6600, -0.3880



203.0280, 62.4090, -46.2550



111.6370, 5.4560, 0.2400



97.5570, 87.5260, -0.3300



29.0600, 26.1340, -0.0580



# Inverse Universe

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



137.6280, -86.6090, 0.2310



128.3830, -113.6600, 0.3880



85.9720, -62.4090, 46.2550



111.3630, -5.4560, -0.2400



83.4430, -87.5260, 0.3300



24.9400, -26.1340, 0.0580



# Previews

## White Background



This preview shows how the YIQ color 151.3720, 86.6090, -0.2310 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 151.3720, 86.6090, -0.2310 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 151.3720, 86.6090, -0.2310

## Background



This preview shows how black text looks on a background with the YIQ color 151.3720, 86.6090, -0.2310.



This preview shows how white text looks on a background with the YIQ color 151.3720, 86.6090,

-0.2310.

# 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

151.3720, 86.6090, -0.2310

### Protanopia

151.3670, 40.3060, -25.6300

### Deuteranopia

151.6530, 60.1120, -21.1360



## Tritanopia

156.3080, 67.4390, 27.8150

# Trichromacy



## Original Color

151.3720, 86.6090, -0.2310

## Protanomaly

151.1460, 57.4060, -16.1460

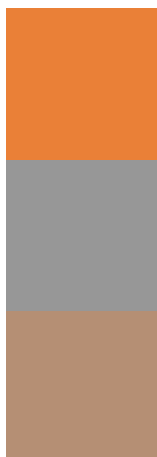
## Deuteranomaly

151.3710, 70.0140, -13.3620

## Tritanomaly

154.6920, 74.6850, 17.6370

# Monochromacy



## Original Color

151.3720, 86.6090, -0.2310

## Achromatopsia

151.0000, -0.0000, 0.0000

## Achromatomaly

151.2840, 31.3150, -0.3410

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 151.3720, 86.6090, -0.2310 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(234, 128, 55)` looks like.

```
.text, #text, p{  
    color:rgb(234, 128, 55)  
}
```

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(234, 128, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 128, 55) }
```

## Border

The CSS property to change the border of an element to YIQ 151.3720, 86.6090, -0.2310 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(234, 128, 55) }
```



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

```
.border{ border-color:rgb(234, 128, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 128, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 128, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 128, 55);  
box-shadow:4px 4px 4px 4px rgb(234, 128,  
55) }
```

# Background

The CSS property to change the background color of an element to YIQ 151.3720, 86.6090, -0.2310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 128, 55) }
```

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

```
.background{ background-color: rgb(234,  
128, 55) }
```

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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