

Converting Colors

YIQ(150.0050, 80.6930, 7.8690)

Have a look what the booklet for
YIQ(150.0050, 80.6930, 7.8690)
contains.

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Color

**YIQ(150.0050, 80.6930,
7.8690)**

Conversions

Conversions Part 1

Format	Color
Hex	E87B4A
RGB	232, 123, 74
RGB Percent	91%, 48%, 29%
CMY	0.0900, 0.5178, 0.7094
CMYK	0.00, 0.47, 0.68, 0.09
HSL	19°, 77%, 60%
HSV	19°, 68%, 91%
XYZ	41.6140, 31.8157, 10.4425
YIQ	150.0050, 80.6930, 7.8690

Conversions

Conversions Part 2

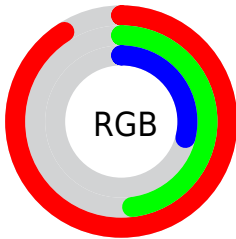
Format	Color
R _Y B	232, 145, 74
Decimal	15235914
CIE Lab	63.19, 38.33, 44.99
CIE LCh	63, 59.103, 49.569
Yxy	31.8157, 0.4962, 0.3793
Android (android.graphics.Color)	4293425994 (0xFFE87B4A)
YUV	150.0050, -37.4705, 71.9096
Hunter-Lab	56.4054, 32.9818, 28.5073

Details

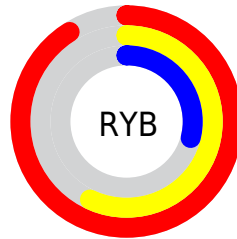
The YIQ color **150.0050, 80.6930, 7.8690** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **155.9950, -80.6930, -7.8690**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **194.2800, 63.5010, 0.0530**, and **96.3570, 73.7700, 6.6820** is the 20% darker color. If you saturate the color by 10%, you get **137.9910, 92.4760, 9.0840**, and if you desaturate by 10%, it is **162.0190, 68.9100, 6.6540**.

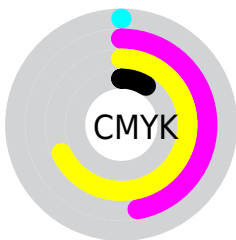
Distribution



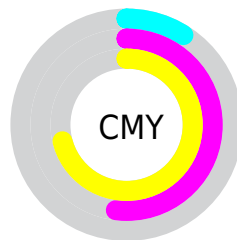
- Red (91%)
- Green (48%)
- Blue (29%)



- Red (91%)
- Yellow (57%)
- Blue (29%)



- Cyan (0%)
- Magenta (47%)
- Yellow (68%)
- Black (9%)




- Cyan (9%)
- Magenta (52%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 150.0050, 80.6930, 7.8690 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 150.0050, 80.6930, 7.8690 by changing the saturation by 10% instead.


 150.0050, 80.6930,
7.8690


 150.0050, 80.6930,
7.8690


255.0000, -0.0000,
-0.0000


 122.7380, 77.0710,
7.4310


 194.2800, 63.5010,
0.0530


 96.3570, 73.7700,
6.6820


 213.7940, 47.1340,
-6.1940


 69.1610, 71.3860,
5.8340


 233.3080, 30.7670,
-12.4410

 44.3420, 60.9310,
13.5950

 249.4140, 15.7290,
-15.2390

 24.5180, 48.8720,
17.3840

 252.6060, 6.7410,
-6.5310

 16.4450, 32.7800,
11.6600

 5.9800, 11.9200,

4.2400

■ 0.0000, 0.0000,
0.0000

■ 150.0050, 80.6930,
7.8690

■ 150.0050, 80.6930,
7.8690

■ 137.9910, 92.4760,
9.0840

■ 162.0190, 68.9100,
6.6540

■ 125.9770,
104.2590, 10.2990

■ 174.1470, 56.8060,
5.7500

■ 113.8490,
116.3630, 11.2030

■ 186.1610, 45.0230,
4.5350

■ 111.6320,
118.4720, 11.5280

■ 198.1750, 33.2400,
3.3200

■ 210.1890, 21.4570,
2.1050

■ 222.2030, 9.6740,
0.8900

■ 234.3310, -2.4300,
-0.0140

■ 245.7750,
-12.6080, -2.7840

■ 248.1230,
-13.7080, -4.8760

Harmonies

Analogous

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



150.4670, 80.4130, 34.9810



150.0050, 80.6930, 7.8690



147.9200, 63.7340, -20.6980

Triad

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



150.0050, 80.6930, 7.8690



118.9470, -91.0470, -51.5190



150.8970, -49.7970, 26.9310

Complementary

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



150.0050, 80.6930, 7.8690



155.9950, -80.6930, -7.8690

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



150.0050, 80.6930, 7.8690



125.8040, -108.9770, -34.9370

Square

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



150.0050, 80.6930, 7.8690



135.3140, -23.2370, -46.9570



128.5860, -122.3220, -18.8500



157.5970, 13.2420, 46.3780

Rectangle

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



150.0050, 80.6930, 7.8690



145.2390, 43.2420, -34.7900



128.5860, -122.3220, -18.8500



142.2030, -77.4420, 15.8220

Sweetspot

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



150.0050, 80.6930, 7.8690



228.6410, 25.9960, 2.4440



133.8960, 58.5370, 68.0170



111.5520, 16.0010, 1.8650



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.



150.0050, 80.6930, 7.8690



146.6460, 106.6890, 10.3130



195.2040, 59.5180, -32.4020



111.0500, 5.7310, 0.7630



86.9910, 92.4760, 9.0840



26.1250, 27.5090, 2.5570

Inverse Universe

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



155.9950, -80.6930, -7.8690



154.3540, -106.6890, -10.3130



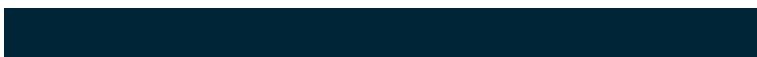
110.7960, -59.5180, 32.4020



111.9500, -5.7310, -0.7630



94.0090, -92.4760, -9.0840



27.8750, -27.5090, -2.5570

Previews

White Background



This preview shows how the YIQ color 150.0050, 80.6930, 7.8690 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 150.0050, 80.6930, 7.8690 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 150.0050, 80.6930, 7.8690

Background



This preview shows how black text looks on a background with the YIQ color 150.0050, 80.6930, 7.8690.



This preview shows how white text looks on a background with the YIQ color 150.0050, 80.6930,

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

150.0050, 80.6930, 7.8690

Protanopia

150.5050, 31.4100, -18.5900

Deuteranopia

150.3780, 50.9410, -14.6190



Tritanopia

153.1940, 67.7600, 27.5040

Trichromacy



Original Color

150.0050, 80.6930, 7.8690

Protanomaly

150.4690, 49.4270, -9.2050

Deuteranomaly

150.3950, 61.4390, -6.6330

Tritanomaly

151.9030, 72.7130, 20.3370

Monochromacy



Original Color

150.0050, 80.6930, 7.8690

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.9080, 29.6180, 2.8820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.0050, 80.6930, 7.8690 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(232, 123, 74)` looks like.

```
.text, #text, p{  
    color:rgb(232, 123, 74)  
}
```

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(232, 123, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 123, 74) }
```

Border

The CSS property to change the border of an element to YIQ 150.0050, 80.6930, 7.8690 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(232, 123, 74) }
```


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

```
.border{ border-color:rgb(232, 123, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 123, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 123, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 123, 74);  
box-shadow:4px 4px 4px 4px rgb(232, 123,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 150.0050, 80.6930, 7.8690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 123, 74) }
```

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

```
.background{ background-color: rgb(232,  
123, 74) }
```

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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