

Converting Colors

YIQ(150.0070, 86.3790, 3.9390)

Have a look what the booklet for
YIQ(150.0070, 86.3790, 3.9390)
contains.

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Color

**YIQ(150.0070, 86.3790,
3.9390)**

Conversions

Conversions Part 1

Format	Color
Hex	EB7C3D
RGB	235, 124, 61
RGB Percent	92%, 49%, 24%
CMY	0.0782, 0.5139, 0.7604
CMYK	0.00, 0.47, 0.74, 0.08
HSL	22°, 81%, 58%
HSV	22°, 74%, 92%
XYZ	42.3267, 32.4135, 8.4546
YIQ	150.0070, 86.3790, 3.9390

Conversions

Conversions Part 2

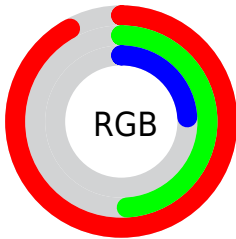
Format	Color
RYB	235, 160, 61
Decimal	15432765
CIELab	63.68, 38.36, 52.06
CIElCh	64, 64.667, 53.615
Yxy	32.4135, 0.5088, 0.3896
Android (android.graphics.Color)	4293622845 (0xFFEB7C3D)
YUV	150.0070, -43.8805, 74.5389
Hunter-Lab	56.9329, 33.0732, 31.0484

Details

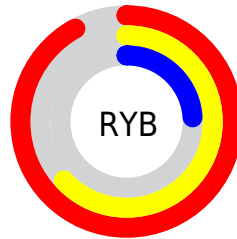
The YIQ color **150.0070, 86.3790, 3.9390** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **145.9930, -86.3790, -3.9390**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **193.4990, 67.0780, -4.2020**, and **95.3760, 80.7860, 0.6740** is the 20% darker color. If you saturate the color by 10%, you get **138.5800, 97.8870, 4.6310**, and if you desaturate by 10%, it is **161.5480, 74.5500, 3.5580**.

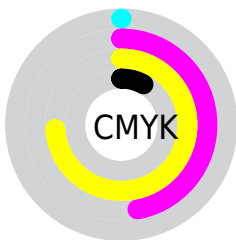
Distribution



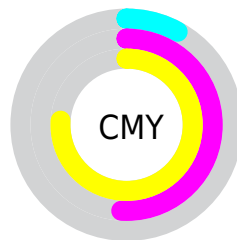
- Red (92%)
- Green (49%)
- Blue (24%)



- Red (92%)
- Yellow (63%)
- Blue (24%)



- Cyan (0%)
- Magenta (47%)
- Yellow (74%)
- Black (8%)




- Cyan (8%)
- Magenta (51%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 150.0070, 86.3790, 3.9390 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 150.0070, 86.3790, 3.9390 by changing the saturation by 10% instead.


 150.0070, 86.3790,
3.9390


 150.0070, 86.3790,
3.9390


255.0000, -0.0000,
-0.0000


 122.6260, 83.0780,
3.1900


 193.4990, 67.0780,
-4.2020


 95.3760, 80.7860,
0.6740


 212.8990, 51.0320,
-10.7600


 70.3460, 72.3030,
5.7350


 232.4130, 34.6650,
-17.0070

 46.1140, 61.5730,
12.9730

 247.9320, 19.9020,
-19.2820

 25.1160, 50.0640,
17.8080

 251.1240, 10.9140,
-10.5740

 16.7440, 33.3760,
11.8720

 254.4300, 1.6050,

 6.8770, 13.7080,

-1.5550

4.8760

■ 0.0000, 0.0000,
0.0000

■ 150.0070, 86.3790,
3.9390

■ 150.0070, 86.3790,
3.9390

■ 138.5800, 97.8870,
4.6310

■ 161.5480, 74.5500,
3.5580

■ 127.0390,
109.7160, 5.0120

■ 172.9750, 63.0420,
2.8660

■ 120.1600,
116.6850, 5.3650

■ 184.5160, 51.2130,
2.4850

■ 195.9430, 39.7050,
1.7930

■ 207.4840, 27.8760,
1.4120

■ 218.9110, 16.3680,
0.7200

■ 230.4520, 4.5390,
0.3390

■ 241.8790, -6.9690,
-0.3530

■ 249.0200,
-11.9200, -4.2400

Harmonies

Analogous

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



149.4740, 87.7030, 35.0230



150.0070, 86.3790, 3.9390



146.9170, 67.8160, -28.6000

Triad

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



150.0070, 86.3790, 3.9390



122.2070, -94.7150, -51.1230



152.7670, -43.3790, 31.7650

Complementary

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



150.0070, 86.3790, 3.9390



145.9930, -86.3790, -3.9390

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.



125.9250, -127.2300, -6.9900



150.0070, 86.3790, 3.9390



128.9330, -113.6540, -32.7740

Square

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



150.0070, 86.3790, 3.9390



130.0130, -38.6870, -53.3030



131.9430, -127.6410, -16.0650



158.6630, 22.0440, 52.0600

Rectangle

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



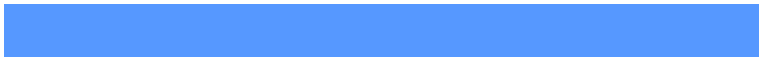
150.0070, 86.3790, 3.9390



144.0830, 43.3810, -42.8190



131.9430, -127.6410, -16.0650



144.0080, -72.3990, 18.0410

Sweetspot

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



150.0070, 86.3790, 3.9390



227.4840, 27.8760, 1.4120



125.9080, 67.4310, 72.0310



111.2100, 16.9640, 0.9320



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.



150.0070, 86.3790, 3.9390



144.0070, 112.7420, 5.2380



199.9020, 63.0040, -40.5160



111.6370, 5.4560, 0.2400



92.2740, 90.0010, 4.3770



27.2990, 26.9590, 1.5110

Inverse Universe

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



145.9930, -86.3790, -3.9390



138.9930, -112.7420, -5.2380



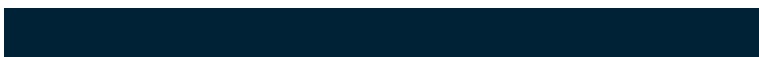
96.0980, -63.0040, 40.5160



111.3630, -5.4560, -0.2400



88.7260, -90.0010, -4.3770



26.1140, -26.6840, -0.9880

Previews

White Background



This preview shows how the YIQ color 150.0070, 86.3790, 3.9390 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 150.0070, 86.3790, 3.9390 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 150.0070, 86.3790, 3.9390

Background



This preview shows how black text looks on a background with the YIQ color 150.0070, 86.3790, 3.9390.

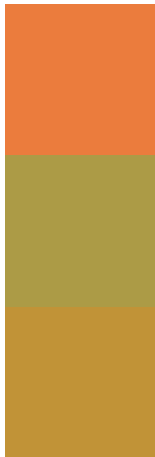


This preview shows how white text looks on a background with the YIQ color 150.0070, 86.3790,

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

150.0070, 86.3790, 3.9390

Protanopia

150.3930, 37.4170, -22.8310

Deuteranopia

150.2660, 56.9480, -18.8600



Tritanopia

154.0910, 69.5480, 28.1400

Trichromacy



Original Color

150.0070, 86.3790, 3.9390

Protanomaly

150.4710, 55.1130, -13.1350

Deuteranomaly

150.2830, 67.4460, -10.8740

Tritanomaly

152.9310, 75.5100, 19.2060

Monochromacy



Original Color

150.0070, 86.3790, 3.9390

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.3380, 31.2230, 1.3270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.0070, 86.3790, 3.9390 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(235, 124, 61)` looks like.

```
.text, #text, p{  
    color:rgb(235, 124, 61)  
}
```

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(235, 124, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 124, 61) }
```

Border

The CSS property to change the border of an element to YIQ 150.0070, 86.3790, 3.9390 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(235, 124, 61) }
```


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

```
.border{ border-color:rgb(235, 124, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 124, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 124, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 124, 61);  
box-shadow:4px 4px 4px 4px rgb(235, 124,  
61) }
```

Background

The CSS property to change the background color of an element to YIQ 150.0070, 86.3790, 3.9390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 124, 61) }
```

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

```
.background{ background-color: rgb(235,  
124, 61) }
```

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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