

Converting Colors

YIQ(144.2390, 97.1090, -3.2990)

Have a look what the booklet for
YIQ(144.2390, 97.1090, -3.2990)
contains.

YIQ(144.2390, 97.1090, -3.2990)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(144.2390, 97.1090,
-3.2990)**

Conversions

Conversions Part 1

Format	Color
Hex	EB781F
RGB	235, 120, 31
RGB Percent	92%, 47%, 12%
CMY	0.0782, 0.5296, 0.8780
CMYK	0.00, 0.49, 0.87, 0.08
HSL	26°, 84%, 52%
HSV	26°, 87%, 92%
XYZ	41.2388, 31.1924, 5.1516
YIQ	144.2390, 97.1090, -3.2990

Conversions

Conversions Part 2

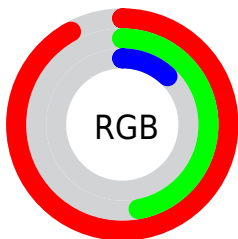
Format	Color
R_{YB}	235, 189, 31
Decimal	15431711
CIE _{Lab}	62.67, 39.43, 63.30
CIE _{LCh}	63, 74.577, 58.082
Yxy	31.1924, 0.5315, 0.4021
Android (android.graphics.Color)	4293621791 (0xFFEB781F)
YUV	144.2390, -55.8268, 79.5974
Hunter-Lab	55.8502, 34.0635, 33.6263

Details

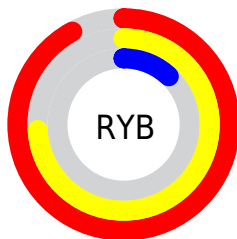
The YIQ color **144.2390, 97.1090, -3.2990** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **121.7610, -97.1090, 3.2990**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **188.1870, 76.5240, -10.1960**, and **91.9310, 83.5370, 0.3770** is the 20% darker color. If you saturate the color by 10%, you get **133.9860, 108.0670, -3.6530**, and if you desaturate by 10%, it is **154.6060, 85.8300, -2.6340**.

Distribution



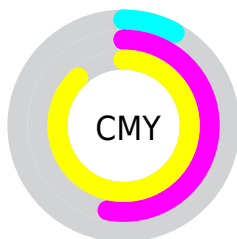
- Red (92%)
- Green (47%)
- Blue (12%)



- Red (92%)
- Yellow (74%)
- Blue (12%)



- Cyan (0%)
- Magenta (49%)
- Yellow (87%)
- Black (8%)





- Cyan (8%)
- Magenta (53%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 144.2390, 97.1090, -3.2990 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 144.2390, 97.1090, -3.2990 by changing the saturation by 10% instead.


 144.2390, 97.1090,
-3.2990


 144.2390, 97.1090,
-3.2990

255.0000, -0.0000,
-0.0000


 115.8750, 95.1380,
-6.1260


 188.1870, 76.5240,
-10.1960


 91.9310, 83.5370,
0.3770


 207.5870, 60.4780,
-16.7540


 67.4000, 72.2110,
7.4030


 227.1010, 44.1110,
-23.0010

 42.5810, 61.7560,
15.1640

 244.8540, 28.5690,
-27.6790

 24.5180, 48.8720,
17.3840

 248.0460, 19.5810,
-18.9710

 16.4450, 32.7800,
11.6600

 251.3520, 10.2720,

 5.3820, 10.7280,

-9.9520

3.8160

254.6580, 0.9630,
-0.9330

■ 0.0000, 0.0000,
0.0000

■ 144.2390, 97.1090,
-3.2990

■ 144.2390, 97.1090,
-3.2990

■ 133.9860,
108.0670, -3.6530

■ 154.6060, 85.8300,
-2.6340

■ 130.1390,
112.0100, -3.5260

■ 164.8590, 74.8720,
-2.2800

■ 175.8130, 63.3180,
-2.1380

■ 186.0660, 52.3600,
-1.7840

■ 196.4330, 41.0810,
-1.1190

■ 207.2730, 29.8480,
-1.2880

■ 217.6400, 18.5690,
-0.6230

■ 227.8930, 7.6110,
-0.2690

■ 238.2600, -3.6680,
0.3960

Harmonies

Analogous

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



139.6770, 97.3770, 35.9130



144.2390, 97.1090, -3.2990



141.6040, 69.8350, -37.6610

Triad

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



144.2390, 97.1090, -3.2990



122.7770, -96.3200, -49.5680



150.4630, -36.4110, 37.6450

Complementary

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



144.2390, 97.1090, -3.2990



121.7610, -97.1090, 3.2990

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.



123.5770, -126.1300, -4.8980



144.2390, 97.1090, -3.2990



130.4150, -117.8270, -28.7310

Square

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



144.2390, 97.1090, -3.2990



112.0900, -73.1170, -68.1010



131.7950, -129.9800, -12.2200



153.4570, 34.7880, 63.3960

Rectangle

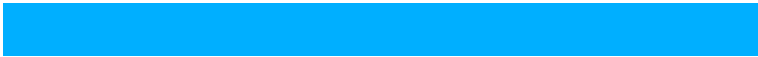
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



144.2390, 97.1090, -3.2990



137.5630, 41.5490, -53.6750



131.7950, -129.9800, -12.2200



139.8990, -70.4740, 21.7020

Sweetspot

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



144.2390, 97.1090, -3.2990



225.7570, 31.3610, -1.1750



105.2200, 84.3480, 79.3240



109.9390, 19.1650, -0.4110



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.



144.2390, 97.1090, -3.2990



141.4020, 121.4550, -3.9930



203.5260, 69.3340, -56.1220



112.2240, 5.1810, -0.2830



100.4920, 86.1510, -2.9450



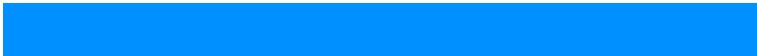
29.6470, 25.8590, -0.5810

Inverse Universe

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



121.7610, -97.1090, 3.2990



113.5980, -121.4550, 3.9930



62.4740, -69.3340, 56.1220



110.7760, -5.1810, 0.2830



80.5080, -86.1510, 2.9450



23.7660, -25.5840, 1.1040

Previews

White Background



This preview shows how the YIQ color 144.2390, 97.1090, -3.2990 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 144.2390, 97.1090, -3.2990 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 144.2390, 97.1090, -3.2990

Background



This preview shows how black text looks on a background with the YIQ color 144.2390, 97.1090, -3.2990.



This preview shows how white text looks on a background with the YIQ color 144.2390, 97.1090, -3.2990.

-3.2990.

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

144.2390, 97.1090, -3.2990

Protanopia

144.7990, 47.5970, -31.1150

Deuteranopia

143.4180, 70.6590, -30.5650



Tritanopia

150.8850, 73.1240, 29.4120

Trichromacy



Original Color

144.2390, 97.1090, -3.2990

Protanomaly

144.2900, 65.5680, -20.8960

Deuteranomaly

143.7170, 80.4230, -20.2890

Tritanomaly

148.6990, 81.9750, 17.6790

Monochromacy



Original Color

144.2390, 97.1090, -3.2990

Achromatopsia

144.0000, -0.0000, 0.0000

Achromatomaly

143.9100, 35.3040, -1.0480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.2390, 97.1090, -3.2990 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, 120, 31)` looks like.

```
.text, #text, p{  
    color:rgb(235, 120, 31)  
}
```

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, 120, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 120, 31) }
```

Border

The CSS property to change the border of an element to YIQ 144.2390, 97.1090, -3.2990 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, 120, 31) }
```


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

```
.border{ border-color:rgb(235, 120, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 120, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 120, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 120, 31);  
box-shadow:4px 4px 4px 4px rgb(235, 120,  
31) }
```

Background

The CSS property to change the background color of an element to YIQ 144.2390, 97.1090, -3.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 120, 31) }
```

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

```
.background{ background-color: rgb(235,  
120, 31) }
```

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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