

Converting Colors

YIQ(130.6370, 93.7130, 14.2010)

Have a look what the booklet for
YIQ(130.6370, 93.7130, 14.2010)
contains.

YIQ(130.6370, 93.7130, 14.2010)	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(130.6370, 93.7130,
14.2010)**

Conversions

Conversions Part 1

Format	Color
Hex	E56033
RGB	229, 96, 51
RGB Percent	90%, 38%, 20%
CMY	0.1017, 0.6237, 0.7996
CMYK	0.00, 0.58, 0.78, 0.10
HSL	15°, 77%, 55%
HSV	15°, 78%, 90%
XYZ	37.1142, 25.2656, 6.0646
YIQ	130.6370, 93.7130, 14.2010

Conversions

Conversions Part 2

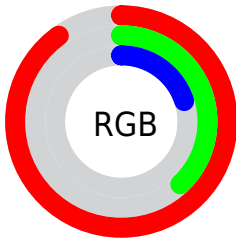
Format	Color
R _Y B	229, 111, 51
Decimal	15032371
CIE Lab	57.33, 49.37, 50.06
CIE LCh	57, 70.305, 45.398
Yxy	25.2656, 0.5423, 0.3691
Android (android.graphics.Color)	4293222451 (0xFFE56033)
YUV	130.6370, -39.2610, 86.2644
Hunter-Lab	50.2649, 43.8359, 28.0319

Details

The YIQ color **130.6370, 93.7130, 14.2010** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **149.3630, -93.7130, -14.2010**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.6950, 78.6300, 6.7100**, and **73.7010, 87.6610, 13.7490** is the 20% darker color. If you saturate the color by 10%, you get **118.0360, 105.7710, 15.9390**, and if you desaturate by 10%, it is **143.2380, 81.6550, 12.4630**.

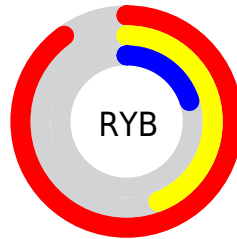
Distribution



Red (90%)

Green (38%)

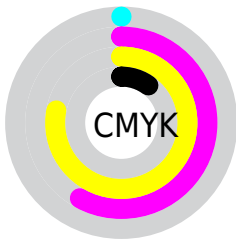
Blue (20%)



Red (90%)

Yellow (44%)

Blue (20%)

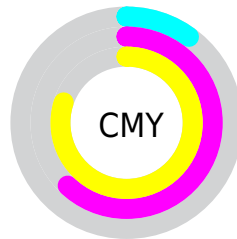


Cyan (0%)

Magenta (58%)

Yellow (78%)

Black (10%)



Cyan (10%)


Magenta (62%)

Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.6370, 93.7130, 14.2010 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 130.6370, 93.7130, 14.2010 by changing the saturation by 10% instead.


 130.6370, 93.7130,
14.2010


 130.6370, 93.7130,
14.2010


255.0000, -0.0000,
-0.0000


 102.4840, 89.7700,
14.0740


 175.8090, 78.3090,
7.0210


 73.7010, 87.6610,
13.7490


 195.0950, 62.5840,
0.1520


 42.4250, 80.2310,
27.2630


 214.6090, 46.2170,
-6.0950

 31.3950, 62.5800,
22.2600

 234.7100, 29.5750,
-12.8650

 22.4250, 44.7000,
15.9000

 249.6420, 15.0870,
-14.6170

 14.5800, 27.9660,
10.7980

 252.8340, 6.0990,

 0.0000, 0.0000,

-5.9090

0.0000

■ 130.6370, 93.7130,
14.2010

■ 130.6370, 93.7130,
14.2010

■ 118.0360,
105.7710, 15.9390

■ 143.2380, 81.6550,
12.4630

■ 105.4350,
117.8290, 17.6770

■ 155.8390, 69.5970,
10.7250

■ 102.5170,
120.5340, 18.2140

■ 168.4400, 57.5390,
8.9870

■ 181.0410, 45.4810,
7.2490

■ 194.2290, 33.1480,
4.9880

■ 206.8300, 21.0900,
3.2500

■ 219.3170, 9.3530,
1.2010

■ 231.9180, -2.7050,
-0.5370

■ 244.2910,
-14.1210, -2.8970

Harmonies

Analogous

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



128.2440, 91.8270, 48.3950



130.6370, 93.7130, 14.2010



129.5980, 79.1400, -24.5720

Triad

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



130.6370, 93.7130, 14.2010



107.5370, -78.2090, -52.9050



124.1730, -85.9250, 20.8830

Complementary

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



130.6370, 93.7130, 14.2010



149.3630, -93.7130, -14.2010

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.



118.8810, -123.9300, -0.7140



130.6370, 93.7130, 14.2010



116.1210, -99.6240, -33.7360

Square

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



130.6370, 93.7130, 14.2010



114.7730, -20.5760, -56.6400



121.2170, -116.7290, -15.5850



141.3930, 5.3090, 52.4850

Rectangle

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



130.6370, 93.7130, 14.2010



127.9380, 54.1550, -39.8370



121.2170, -116.7290, -15.5850



112.4240, -120.9050, 5.0390

Sweetspot

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



130.6370, 93.7130, 14.2010



222.4460, 31.0390, 4.6630



119.4980, 63.0740, 79.4100



108.0470, 18.9810, 2.9250



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.



130.6370, 93.7130, 14.2010



124.0830, 124.7520, 18.8640



182.8800, 69.2380, -32.3460



108.3490, 6.3270, 0.9750



79.9360, 94.3090, 14.4130



22.8800, 26.8210, 4.0130

Inverse Universe

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



149.3630, -93.7130, -14.2010



148.9170, -124.7520, -18.8640



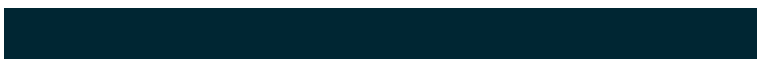
97.7070, -69.5130, 31.8230



109.6510, -6.3270, -0.9750



99.0640, -94.3090, -14.4130



28.1200, -26.8210, -4.0130

Previews

White Background



This preview shows how the YIQ color 130.6370, 93.7130, 14.2010 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 130.6370, 93.7130, 14.2010 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 130.6370, 93.7130, 14.2010

Background



This preview shows how black text looks on a background with the YIQ color 130.6370, 93.7130, 14.2010.



This preview shows how white text looks on a background with the YIQ color 130.6370, 93.7130,

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

130.6370, 93.7130, 14.2010

Protanopia

133.9350, 33.0150, -20.1450

Deuteranopia

133.2980, 53.9220, -19.0860



Tritanopia

133.5440, 81.5140, 31.5460

Trichromacy



Original Color

130.6370, 93.7130, 14.2010

Protanomaly

133.0460, 55.1120, -7.6080

Deuteranomaly

132.1030, 68.1330, -6.8030

Tritanomaly

132.4810, 85.8250, 25.0010

Monochromacy



Original Color

130.6370, 93.7130, 14.2010

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

130.8270, 34.3400, 5.4120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.6370, 93.7130, 14.2010 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(229, 96, 51)` looks like.

```
.text, #text, p{  
    color:rgb(229, 96, 51)  
}
```

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(229, 96, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 96, 51) }
```

Border

The CSS property to change the border of an element to YIQ 130.6370, 93.7130, 14.2010 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(229, 96, 51) }
```


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

```
.border{ border-color:rgb(229, 96, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 96, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 96, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 96, 51);  
box-shadow:4px 4px 4px 4px rgb(229, 96,  
51) }
```

Background

The CSS property to change the background color of an element to YIQ 130.6370, 93.7130, 14.2010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 96, 51) }
```

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

```
.background{ background-color: rgb(229, 96,  
51) }
```

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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