

Converting Colors

YIQ(139.5470, 93.4860, 1.7900)

Have a look what the booklet for
YIQ(139.5470, 93.4860, 1.7900)
contains.

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Color

**YIQ(139.5470, 93.4860,
1.7900)**

Conversions

Conversions Part 1

Format	Color
Hex	E67127
RGB	230, 113, 39
RGB Percent	90%, 44%, 15%
CMY	0.0978, 0.5570, 0.8466
CMYK	0.00, 0.51, 0.83, 0.10
HSL	23°, 79%, 53%
HSV	23°, 83%, 90%
XYZ	38.9198, 28.7792, 5.4326
YIQ	139.5470, 93.4860, 1.7900

Conversions

Conversions Part 2

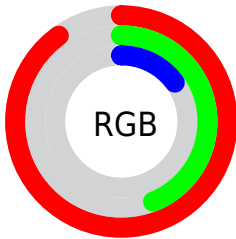
Format	Color
R_{YB}	230, 160, 39
Decimal	15102247
CIE _{Lab}	60.59, 41.18, 58.42
CIE _{LCh}	61, 71.471, 54.820
Yxy	28.7792, 0.5322, 0.3935
Android (android.graphics.Color)	4293292327 (0xFFE67127)
YUV	139.5470, -49.5697, 79.3273
Hunter-Lab	53.6463, 35.6188, 31.5483

Details

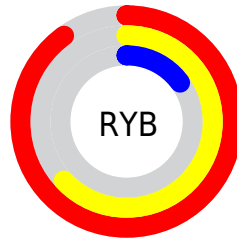
The YIQ color **139.5470, 93.4860, 1.7900** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **129.4530, -93.4860, -1.7900**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.6480, 76.8440, -4.9800**, and **86.3270, 82.4820, 2.9780** is the 20% darker color. If you saturate the color by 10%, you get **128.7070, 104.7190, 1.9590**, and if you desaturate by 10%, it is **150.3870, 82.2530, 1.6210**.

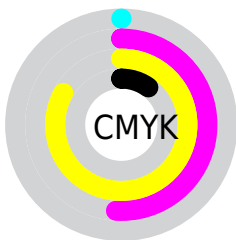
Distribution



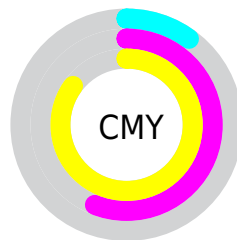
- Red (90%)
- Green (44%)
- Blue (15%)



- Red (90%)
- Yellow (63%)
- Blue (15%)



- Cyan (0%)
- Magenta (51%)
- Yellow (83%)
- Black (10%)



- Cyan (10%)
- Magenta (56%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 139.5470, 93.4860, 1.7900 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 139.5470, 93.4860, 1.7900 by changing the saturation by 10% instead.


 139.5470, 93.4860,
1.7900


 139.5470, 93.4860,
1.7900


255.0000, -0.0000,
-0.0000


 111.3680, 92.4320,
-1.1360


 184.6480, 76.8440,
-4.9800


 85.7400, 82.7570,
3.5010


 203.4610, 61.0730,
-11.0150


 61.5080, 72.0270,
10.7390


 223.5620, 44.4310,
-17.7850

 33.7540, 62.9470,
21.1150

 243.6630, 27.7890,
-24.5550

 23.0230, 45.8920,
16.3240

 248.6160, 17.9760,
-17.4160

 15.7760, 30.3500,
11.6460

 251.9220, 8.6670,

 0.5980, 1.1920,

-8.3970

0.4240

■ 0.0000, 0.0000,
0.0000

■ 139.5470, 93.4860,
1.7900

■ 139.5470, 93.4860,
1.7900

■ 128.7070,
104.7190, 1.9590

■ 150.3870, 82.2530,
1.6210

■ 121.0130,
112.6050, 2.2130

■ 161.2270, 71.0200,
1.4520

■ 172.0670, 59.7870,
1.2830

■ 182.9070, 48.5540,
1.1140

■ 194.3340, 37.0460,
0.4220

■ 205.1740, 25.8130,
0.2530

■ 216.0140, 14.5800,
0.0840

■ 226.8540, 3.3470,
-0.0850

■ 237.6940, -7.8860,
-0.2540

Harmonies

Analogous

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



137.1980, 97.4680, 39.7720



139.5470, 93.4860, 1.7900



137.1960, 71.1640, -34.2120

Triad

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



139.5470, 93.4860, 1.7900



117.3000, -90.5430, -49.6390



143.9070, -46.5890, 34.8750

Complementary

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



139.5470, 93.4860, 1.7900



129.4530, -93.4860, -1.7900

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.



121.2290, -125.0300, -2.8060



139.5470, 93.4860, 1.7900



125.1830, -111.3620, -30.2580

Square

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



139.5470, 93.4860, 1.7900



107.8520, -66.5150, -66.6030



128.1760, -126.6790, -11.4710



149.2170, 26.5360, 58.7600

Rectangle

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



139.5470, 93.4860, 1.7900



133.4650, 44.9410, -49.0670



128.1760, -126.6790, -11.4710



131.2500, -84.8240, 17.4480

Sweetspot

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



139.5470, 93.4860, 1.7900



224.8110, 31.2690, 0.4930



109.5610, 75.9580, 77.1900



109.4660, 19.1190, 0.4230



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.



139.5470, 93.4860, 1.7900



134.3580, 124.7550, 2.2830



195.3120, 67.3610, -47.8950



109.5230, 5.7770, -0.0710



94.0240, 87.7090, 1.8610



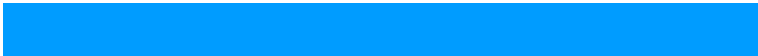
26.9890, 24.8960, 0.3520

Inverse Universe

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



129.4530, -93.4860, -1.7900



120.6420, -124.7550, -2.2830



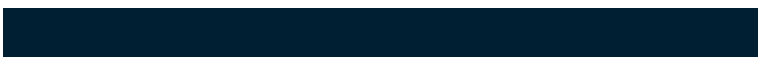
73.6880, -67.3610, 47.8950



108.4770, -5.7770, 0.0710



84.3890, -87.4340, -1.3380



24.0110, -24.8960, -0.3520

Previews

White Background



This preview shows how the YIQ color 139.5470, 93.4860, 1.7900 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 139.5470, 93.4860, 1.7900 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 139.5470, 93.4860, 1.7900

Background



This preview shows how black text looks on a background with the YIQ color 139.5470, 93.4860, 1.7900.



This preview shows how white text looks on a background with the YIQ color 139.5470, 93.4860,

1.7900.

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

139.5470, 93.4860, 1.7900

Protanopia

140.7970, 41.9110, -27.1850

Deuteranopia

139.9860, 63.3680, -25.0800



Tritanopia

144.7710, 73.4450, 29.1010

Trichromacy



Original Color

139.5470, 93.4860, 1.7900

Protanomaly

140.5870, 60.4780, -16.7540

Deuteranomaly

139.9430, 74.0950, -15.7370

Tritanomaly

143.1550, 80.6910, 18.9230

Monochromacy



Original Color

139.5470, 93.4860, 1.7900

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.7790, 34.2950, 0.7190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.5470, 93.4860, 1.7900 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(230, 113, 39)` looks like.

```
.text, #text, p{  
    color:rgb(230, 113, 39)  
}
```

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(230, 113, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 113, 39) }
```

Border

The CSS property to change the border of an element to YIQ 139.5470, 93.4860, 1.7900 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(230, 113, 39) }
```


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

```
.border{ border-color:rgb(230, 113, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 113, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 113, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 113, 39);  
box-shadow:4px 4px 4px 4px rgb(230, 113,  
39) }
```

Background

The CSS property to change the background color of an element to YIQ 139.5470, 93.4860, 1.7900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 113, 39) }
```

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

```
.background{ background-color: rgb(230,  
113, 39) }
```

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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