

Converting Colors

YIQ(139.3170, 105.6370,
-3.6670)

Have a look what the booklet for
YIQ(139.3170, 105.6370, -3.6670)
contains.

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Color

**YIQ(139.3170, 105.6370,
-3.6670)**

Conversions

Conversions Part 1

Format	Color
Hex	EE7110
RGB	238, 113, 16
RGB Percent	93%, 44%, 6%
CMY	0.0664, 0.5570, 0.9367
CMYK	0.00, 0.53, 0.93, 0.07
HSL	26°, 87%, 50%
HSV	26°, 93%, 93%
XYZ	41.2739, 30.0239, 4.1150
YIQ	139.3170, 105.6370, -3.6670

Conversions

Conversions Part 2

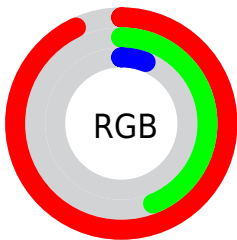
Format	Color
R _Y B	238, 188, 16
Decimal	15626512
CIE Lab	61.67, 43.83, 66.81
CIE LCh	62, 79.897, 56.734
Yxy	30.0239, 0.5473, 0.3981
Android (android.graphics.Color)	4293816592 (0xFFEE7110)
YUV	139.3170, -60.7953, 86.5450
Hunter-Lab	54.7940, 38.5665, 33.9032

Details

The YIQ color **139.3170, 105.6370, -3.6670** 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 **114.6830, -105.6370, 3.6670**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.9380, 81.6590, -9.6450**, and **87.8330, 86.9290, 4.9850** is the 20% darker color. If you saturate the color by 10%, you get **132.2100, 113.2480, -3.9360**, and if you desaturate by 10%, it is **149.6840, 94.3580, -3.0020**.

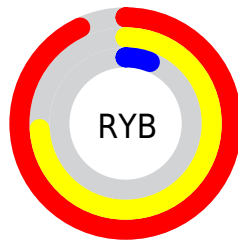
Distribution



Red (93%)

Green (44%)

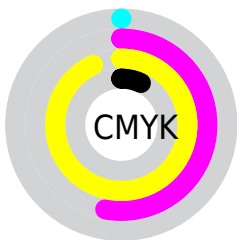
Blue (6%)



Red (93%)

Yellow (74%)

Blue (6%)

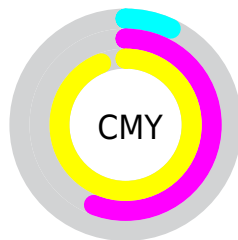


Cyan (0%)

Magenta (53%)

Yellow (93%)

Black (7%)



Cyan (7%)

Magenta (56%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.3170, 105.6370, -3.6670 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 139.3170, 105.6370, -3.6670 by changing the saturation by 10% instead.

139.3170,
105.6370, -3.6670

139.3170,
105.6370, -3.6670

255.0000, -0.0000,
-0.0000

112.6630, 98.8510,
-1.8290

182.9380, 81.6590,
-9.6450

87.8330, 86.9290,
4.9850

202.3380, 65.6130,
-16.2030

62.7150, 75.8780,
12.5340

221.8520, 49.2460,
-22.4500

33.4880, 66.7520,
23.7440

242.0670, 32.2830,
-28.9090

24.8170, 49.4680,
17.5960

247.0200, 22.4700,
-21.7700

16.8580, 33.0550,
12.1830

250.2120, 13.4820,

5.6810, 11.3240,

-13.0620

4.0280

253.5180, 4.1730,
-4.0430

0.0000, 0.0000,
0.0000

139.3170,
105.6370, -3.6670

139.3170,
105.6370, -3.6670

132.2100,
113.2480, -3.9360

149.6840, 94.3580,
-3.0020

160.6380, 82.8040,
-2.8600

171.0050, 71.5250,
-2.1950

181.8450, 60.2920,
-2.3640

192.2120, 49.0130,
-1.6990

■ 202.5790, 37.7340,
-1.0340

■ 213.5330, 26.1800,
-0.8920

■ 223.9000, 14.9010,
-0.2270

■ 234.7400, 3.6680,
-0.3960

Harmonies

Analogous

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



131.7040, 101.9150, 41.7790



139.3170, 105.6370, -3.6670



139.5550, 71.5310, -35.3570

Triad

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



139.3170, 105.6370, -3.6670



120.9190, -93.8440, -50.3880



145.4020, -43.6090, 35.9350

Complementary

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



139.3170, 105.6370, -3.6670



114.6830, -105.6370, 3.6670

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.



122.9900, -125.8550, -4.3750



139.3170, 105.6370, -3.6670



129.7140, -117.2310, -28.5190

Square

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



139.3170, 105.6370, -3.6670



109.5480, -68.7150, -70.7870



131.7950, -129.9800, -12.2200



149.6190, 34.5120, 68.4000

Rectangle

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



139.3170, 105.6370, -3.6670



135.2040, 41.1820, -52.5300



131.7950, -129.9800, -12.2200



129.1460, -90.4630, 15.0170

Sweetspot

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



139.3170, 105.6370, -3.6670



223.4260, 33.7910, -1.1610



96.7420, 91.8660, 86.2500



108.3090, 20.9990, -0.6090



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.



139.3170, 105.6370, -3.6670



141.4020, 121.4550, -3.9930



203.8870, 75.3870, -61.1970



114.5230, 5.7770, -0.0710



101.9760, 87.6640, -2.8320



30.8320, 26.7760, -0.6800

Inverse Universe

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



114.6830, -105.6370, 3.6670



113.5980, -121.4550, 3.9930



50.1130, -75.3870, 61.1970



113.4770, -5.7770, 0.0710



81.4370, -87.3890, 3.3550



25.1680, -26.7760, 0.6800

Previews

White Background



This preview shows how the YIQ color 139.3170, 105.6370, -3.6670 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 139.3170, 105.6370, -3.6670 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 139.3170, 105.6370, -3.6670

Background



This preview shows how black text looks on a background with the YIQ color 139.3170, 105.6370, -3.6670.



This preview shows how white text looks on a background with the YIQ color 139.3170, 105.6370, -3.6670.

-3.6670.

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

139.3170, 105.6370, -3.6670

Protanopia

141.3600, 50.2110, -34.4370

Deuteranopia

139.8650, 73.5940, -34.1980



Tritanopia

146.4620, 78.8090, 31.0090

Trichromacy



Original Color

139.3170, 105.6370, -3.6670

Protanomaly

140.7480, 69.9700, -23.5820

Deuteranomaly

139.4740, 85.4210, -22.7630

Tritanomaly

143.9340, 88.6230, 18.3430

Monochromacy



Original Color

139.3170, 105.6370, -3.6670

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

139.3510, 38.3760, -1.6560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.3170, 105.6370, -3.6670 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(238, 113, 16)` looks like.

```
.text, #text, p{  
    color:rgb(238, 113, 16)  
}
```

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(238, 113, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 113, 16) }
```

Border

The CSS property to change the border of an element to YIQ 139.3170, 105.6370, -3.6670 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(238, 113, 16) }
```


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

```
.border{ border-color:rgb(238, 113, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 113, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 113, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 113, 16);  
box-shadow:4px 4px 4px 4px rgb(238, 113,  
16) }
```

Background

The CSS property to change the background color of an element to YIQ 139.3170, 105.6370, -3.6670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 113, 16) }
```

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

```
.background{ background-color: rgb(238,  
113, 16) }
```

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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