

Converting Colors

YIQ(143.0190, 103.3000,
-10.8760)

Have a look what the booklet for
YIQ(143.0190, 103.3000, -10.8760)
contains.

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Color

**YIQ(143.0190, 103.3000,
-10.8760)**

Conversions

Conversions Part 1

Format	Color
Hex	EB7A0A
RGB	235, 122, 10
RGB Percent	92%, 48%, 4%
CMY	0.0782, 0.5217, 0.9603
CMYK	0.00, 0.48, 0.96, 0.08
HSL	30°, 92%, 48%
HSV	30°, 96%, 92%
XYZ	41.2869, 31.6003, 4.2142
YIQ	143.0190, 103.3000, -10.8760

Conversions

Conversions Part 2

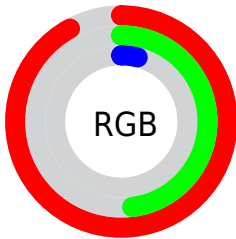
Format	Color
R _Y B	235, 233, 10
Decimal	15432202
CIE Lab	63.01, 38.10, 68.57
CIE LCh	63, 78.450, 60.940
Yxy	31.6003, 0.5355, 0.4099
Android (android.graphics.Color)	4293622282 (0xFFEB7A0A)
YUV	143.0190, -65.5784, 80.6673
Hunter-Lab	56.2142, 32.7257, 34.9051

Details

The YIQ color **143.0190, 103.3000, -10.8760** 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 **101.9810, -103.3000, 10.8760**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **187.9930, 79.8260, -14.9740**, and **93.1050, 82.9870, -0.6690** is the 20% darker color. If you saturate the color by 10%, you get **138.9440, 107.8850, -11.3710**, and if you desaturate by 10%, it is **152.7990, 92.2960, -9.6880**.

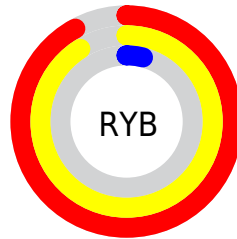
Distribution



Red (92%)

Green (48%)

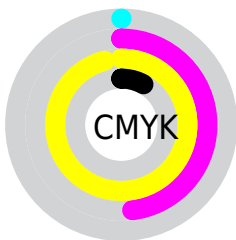
Blue (4%)



Red (92%)

Yellow (91%)

Blue (4%)

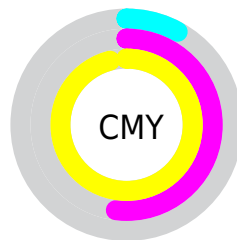


Cyan (0%)

Magenta (48%)

Yellow (96%)

Black (8%)



Cyan (8%)

Magenta (52%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 143.0190, 103.3000, -10.8760 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 143.0190, 103.3000, -10.8760 by changing the saturation by 10% instead.

143.0190,
103.3000, -10.8760

143.0190,
103.3000, -10.8760

255.0000, -0.0000,
-0.0000

117.0490, 94.5880,
-7.1720

187.9930, 79.8260,
-14.9740

93.1050, 82.9870,
-0.6690

207.5070, 63.4590,
-21.2210

69.1610, 71.3860,
5.8340

227.0210, 47.0920,
-27.4680

44.3420, 60.9310,
13.5950

243.7140, 31.7790,
-30.7890

24.2190, 48.2760,
17.1720

246.9060, 22.7910,
-22.0810

16.1460, 32.1840,
11.4480

250.2120, 13.4820,

5.6810, 11.3240,

-13.0620

4.0280

■ 253.5180, 4.1730,
-4.0430

■ 0.0000, 0.0000,
0.0000

■ 143.0190,
103.3000, -10.8760

■ 143.0190,
103.3000, -10.8760

■ 138.9440,
107.8850, -11.3710

■ 152.7990, 92.2960,
-9.6880

■ 162.4650, 81.6130,
-8.8110

■ 171.6580, 70.8840,
-7.1000

■ 181.3240, 60.2010,
-6.2230

■ 191.1040, 49.1970,
-5.0350

■ 200.7700, 38.5140,
-4.1580

■ 210.5500, 27.5100,
-2.9700

■ 220.2160, 16.8270,
-2.0930

■ 229.4090, 6.0980,
-0.3820

Harmonies

Analogous

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



137.5910, 100.4950, 34.4710



143.0190, 103.3000, -10.8760



142.1690, 66.6260, -40.0780

Triad

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



143.0190, 103.3000, -10.8760



124.8630, -99.4380, -48.1260



151.9910, -29.0300, 41.5460

Complementary

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



143.0190, 103.3000, -10.8760



101.9810, -103.3000, 10.8760

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



143.0190, 103.3000, -10.8760



132.8430, -121.9080, -26.3560

Square

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



143.0190, 103.3000, -10.8760



114.1930, -74.9050, -68.7370



132.9690, -130.5300, -13.2660



152.1100, 43.3150, 68.5550

Rectangle

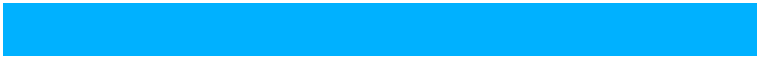
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



143.0190, 103.3000, -10.8760



137.2310, 36.5520, -56.7280



132.9690, -130.5300, -13.2660



142.6120, -62.1760, 25.5040

Sweetspot

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



143.0190, 103.3000, -10.8760



224.8450, 33.9290, -3.6630



90.4990, 96.8640, 83.7760



109.3690, 20.7700, -1.9660



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.



143.0190, 103.3000, -10.8760



150.7940, 117.0550, -12.3610



207.0020, 73.3250, -67.8830



112.2240, 5.1810, -0.2830



106.9490, 83.1260, -8.6980



31.9950, 24.7590, -2.6730

Inverse Universe

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



101.9810, -103.3000, 10.8760



104.2060, -117.0550, 12.3610



37.9980, -73.3250, 67.8830



110.1890, -4.9060, 0.8060



74.0510, -83.1260, 8.6980



22.0050, -24.7590, 2.6730

Previews

White Background



This preview shows how the YIQ color 143.0190, 103.3000, -10.8760 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 143.0190, 103.3000, -10.8760 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 143.0190, 103.3000, -10.8760 Background



This preview shows how black text looks on a background with the YIQ color 143.0190, 103.3000, -10.8760.



This preview shows how white text looks on a background with the YIQ color 143.0190, 103.3000, -10.8760.

-10.8760.

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

143.0190, 103.3000, -10.8760

Protanopia

143.7470, 53.3750, -36.7130

Deuteranopia

142.8220, 75.1530, -34.9190



Tritanopia

151.5860, 72.5280, 29.2000

Trichromacy



Original Color

143.0190, 103.3000, -10.8760

Protanomaly

143.7110, 71.3920, -27.3280

Deuteranomaly

143.0670, 85.0090, -26.3110

Tritanomaly

148.4880, 83.9470, 14.9790

Monochromacy



Original Color

143.0190, 103.3000, -10.8760

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

142.6990, 37.2760, -3.7480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 143.0190, 103.3000, -10.8760 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, 122, 10)` looks like.

```
.text, #text, p{  
    color:rgb(235, 122, 10)  
}
```

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, 122, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 122, 10) }
```

Border

The CSS property to change the border of an element to YIQ 143.0190, 103.3000, -10.8760 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, 122, 10) }
```


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

```
.border{ border-color:rgb(235, 122, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 122, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 122, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 122, 10);  
box-shadow:4px 4px 4px 4px rgb(235, 122,  
10) }
```

Background

The CSS property to change the background color of an element to YIQ 143.0190, 103.3000, -10.8760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 122, 10) }
```

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

```
.background{ background-color: rgb(235,  
122, 10) }
```

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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