

Converting Colors

YIQ(133.9640, 95.9650,
-15.6110)

Have a look what the booklet for
YIQ(133.9640, 95.9650, -15.6110)
contains.

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Color

**YIQ(133.9640, 95.9650,
-15.6110)**

Conversions

Conversions Part 1

Format	Color
Hex	D87601
RGB	216, 118, 1
RGB Percent	85%, 46%, 0%
CMY	0.1528, 0.5374, 0.9956
CMYK	0.00, 0.45, 0.99, 0.15
HSL	33°, 99%, 43%
HSV	33°, 99%, 85%
XYZ	34.8107, 27.5547, 3.5160
YIQ	133.9640, 95.9650, -15.6110

Conversions

Conversions Part 2

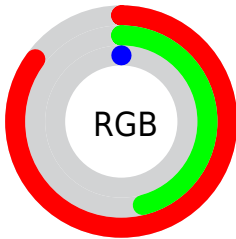
Format	Color
RYB	181, 216, 1
Decimal	14185985
CIELab	59.48, 32.37, 66.46
CIElCh	59, 73.922, 64.029
Yxy	27.5547, 0.5284, 0.4182
Android (android.graphics.Color)	4292376065 (0xFFD87601)
YUV	133.9640, -65.5513, 71.9456
Hunter-Lab	52.4926, 26.5110, 32.7735

Details

The YIQ color **133.9640, 95.9650, -15.6110** 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 **83.0360, -95.9650, 15.6110**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.4880, 82.8060, -13.9140**, and **85.9620, 73.0840, -2.9160** is the 20% darker color. If you saturate the color by 10%, you get **133.2630, 96.5610, -15.3990**, and if you desaturate by 10%, it is **142.3420, 86.1530, -13.9990**.

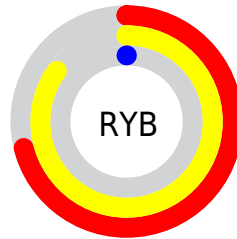
Distribution



Red (85%)

Green (46%)

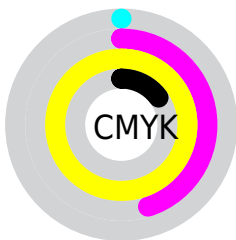
Blue (0%)



Red (71%)

Yellow (85%)

Blue (0%)

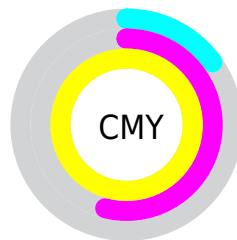


Cyan (0%)

Magenta (45%)

Yellow (99%)

Black (15%)



Cyan (15%)

Magenta (54%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.9640, 95.9650, -15.6110 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 133.9640, 95.9650, -15.6110 by changing the saturation by 10% instead.

133.9640, 95.9650,
-15.6110

133.9640, 95.9650,
-15.6110

255.0000, -0.0000,
-0.0000

109.9060, 84.6850,
-9.4190

184.4880, 82.8060,
-13.9140

85.9620, 73.0840,
-2.9160

204.0020, 66.4390,
-20.1610

62.9040, 61.8040,
3.2760

223.5160, 50.0720,
-26.4080

39.8460, 50.5240,
9.4680

243.0300, 33.7050,
-32.6550

19.7340, 39.3360,
13.9920

246.2220, 24.7170,
-23.9470

12.9710, 25.3070,
9.4270

249.5280, 15.4080,

0.0000, 0.0000,

-14.9280

0.0000

252.7200, 6.4200,
-6.2200

133.9640, 95.9650,
-15.6110

133.9640, 95.9650,
-15.6110

133.2630, 96.5610,
-15.3990

142.3420, 86.1530,
-13.9990

150.6060, 76.6620,
-12.6980

158.9840, 66.8500,
-11.0860

166.7750, 57.3130,
-8.9510

175.0390, 47.8220,
-7.6500

■ 183.4170, 38.0100,
-6.0380

■ 191.6810, 28.5190,
-4.7370

■ 200.0590, 18.7070,
-3.1250

■ 208.4370, 8.8950,
-1.5130

Harmonies

Analogous

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



134.2550, 101.3210, 30.5130



133.9640, 95.9650, -15.6110



132.9770, 58.4190, -40.0210

Triad

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



133.9640, 95.9650, -15.6110



118.0640, -95.4500, -43.3060



145.7900, -23.8500, 46.7900

Complementary

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



133.9640, 95.9650, -15.6110



83.0360, -95.9650, 15.6110

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.



116.5330, -122.8300, 1.3780



133.9640, 95.9650, -15.6110



124.8870, -116.0400, -22.5680

Square

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



133.9640, 95.9650, -15.6110



108.6650, -73.1180, -62.5740



125.9250, -127.2300, -6.9900



142.4430, 46.5710, 64.6110

Rectangle

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



133.9640, 95.9650, -15.6110



127.4630, 30.0870, -55.2010



125.9250, -127.2300, -6.9900



139.7430, -51.9990, 33.8010

Sweetspot

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



133.9640, 95.9650, -15.6110



225.7910, 34.0210, -5.3310



76.6850, 96.0400, 76.6800



110.4290, 20.5410, -3.3230



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.



133.9640, 95.9650, -15.6110



157.8380, 113.7550, -18.6370



189.3970, 64.8430, -68.3490



102.8110, 4.9060, -0.8060



105.7200, 76.3410, -12.3870



26.9450, 19.0280, -3.4360

Inverse Universe

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



83.0360, -95.9650, 15.6110



97.1620, -113.7550, 18.6370



27.6030, -64.8430, 68.3490



100.1890, -4.9060, 0.8060



65.2800, -76.3410, 12.3870



16.6420, -19.3030, 2.9130

Previews

White Background



This preview shows how the YIQ color 133.9640, 95.9650, -15.6110 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 133.9640, 95.9650, -15.6110 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 133.9640, 95.9650, -15.6110

Background



This preview shows how black text looks on a background with the YIQ color 133.9640, 95.9650, -15.6110.



This preview shows how white text looks on a background with the YIQ color 133.9640, 95.9650, -15.6110.

-15.6110.

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

133.9640, 95.9650, -15.6110

Protanopia

135.0180, 51.1740, -35.3700

Deuteranopia

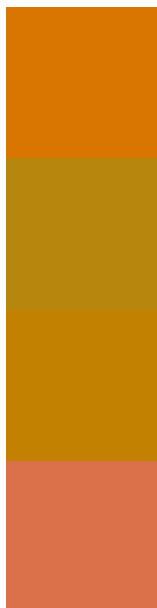
134.2500, 71.0720, -32.5440



Tritanopia

143.6880, 63.3130, 25.4970

Trichromacy



Original Color

133.9640, 95.9650, -15.6110

Protanomaly

135.0310, 67.4950, -28.2890

Deuteranomaly

133.7290, 80.1490, -26.3390

Tritanomaly

140.3620, 75.3740, 10.6540

Monochromacy



Original Color

133.9640, 95.9650, -15.6110

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.9760, 34.9380, -5.4300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.9640, 95.9650, -15.6110 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(216, 118, 1)` looks like.

```
.text, #text, p{  
    color:rgb(216, 118, 1)  
}
```

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(216, 118, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 118, 1) }
```

Border

The CSS property to change the border of an element to YIQ 133.9640, 95.9650, -15.6110 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(216, 118, 1) }
```


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

```
.border{ border-color:rgb(216, 118, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 118, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 118, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 118, 1);  
box-shadow:4px 4px 4px 4px rgb(216, 118,  
1) }
```

Background

The CSS property to change the background color of an element to YIQ 133.9640, 95.9650, -15.6110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 118, 1) }
```

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

```
.background{ background-color: rgb(216,  
118, 1) }
```

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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