

Converting Colors

YIQ(133.9760, 87.6640, -2.8320)

Have a look what the booklet for
YIQ(133.9760, 87.6640, -2.8320)
contains.

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Color

**YIQ(133.9760, 87.6640,
-2.8320)**

Conversions

Conversions Part 1

Format	Color
Hex	D87020
RGB	216, 112, 32
RGB Percent	85%, 44%, 13%
CMY	0.1527, 0.5609, 0.8741
CMYK	0.00, 0.48, 0.85, 0.15
HSL	26°, 74%, 49%
HSV	26°, 85%, 85%
XYZ	34.3853, 26.2901, 4.6362
YIQ	133.9760, 87.6640, -2.8320

Conversions

Conversions Part 2

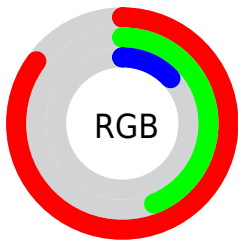
Format	Color
R _Y B	216, 174, 32
Decimal	14184480
CIE Lab	58.31, 35.96, 58.28
CIE LCh	58, 68.487, 58.324
Yxy	26.2901, 0.5265, 0.4025
Android (android.graphics.Color)	4292374560 (0xFFD87020)
YUV	133.9760, -50.2742, 71.9350
Hunter-Lab	51.2739, 29.9763, 30.5307

Details

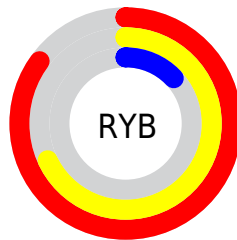
The YIQ color **133.9760, 87.6640, -2.8320** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **114.0240, -87.6640, 2.8320**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.7900, 79.3200, -5.8000**, and **82.4400, 74.7340, 0.2220** is the 20% darker color. If you saturate the color by 10%, you get **124.5380, 97.7050, -3.0870**, and if you desaturate by 10%, it is **143.5280, 77.3020, -2.2660**.

Distribution



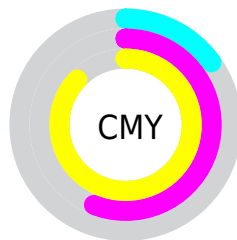
- Red (85%)
- Green (44%)
- Blue (13%)



- Red (85%)
- Yellow (68%)
- Blue (13%)



- Cyan (0%)
- Magenta (48%)
- Yellow (85%)
- Black (15%)





- Cyan (15%)
- Magenta (56%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.9760, 87.6640, -2.8320 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 133.9760, 87.6640, -2.8320 by changing the saturation by 10% instead.


 133.9760, 87.6640,
-2.8320


 133.9760, 87.6640,
-2.8320


255.0000, -0.0000,
-0.0000


 106.3840, 86.3350,
-6.2810


 182.7900, 79.3200,
-5.8000


 82.4400, 74.7340,
0.2220


 202.1900, 63.2740,
-12.3580


 58.7950, 63.7290,
6.9370


 221.5900, 47.2280,
-18.9160

 33.6880, 54.1450,
15.4330

 241.8050, 30.2650,
-25.3750

 19.7340, 39.3360,
13.9920

 247.9320, 19.9020,
-19.2820

 12.6720, 24.7110,
9.2150

 251.1240, 10.9140,

 0.0000, 0.0000,

-10.5740

0.0000

254.4300, 1.6050,
-1.5550

133.9760, 87.6640,
-2.8320

133.9760, 87.6640,
-2.8320

124.5380, 97.7050,
-3.0870

143.5280, 77.3020,
-2.2660

119.7620,
102.8860, -3.3700

152.9660, 67.2610,
-2.0110

163.1050, 56.6240,
-1.9680

172.6570, 46.2620,
-1.4020

182.0950, 36.2210,
-1.1470

■ 191.6470, 25.8590,
-0.5810

■ 201.6720, 15.5430,
-0.8490

■ 211.2240, 5.1810,
-0.2830

■ 220.7760, -5.1810,
0.2830

Harmonies

Analogous

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



132.4700, 93.5260, 34.1180



133.9760, 87.6640, -2.8320



130.9610, 64.5160, -34.8760

Triad

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



133.9760, 87.6640, -2.8320



113.4190, -89.2600, -45.3560



140.9900, -36.4570, 38.4790

Complementary

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



133.9760, 87.6640, -2.8320



114.0240, -87.6640, 2.8320

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



133.9760, 87.6640, -2.8320



120.3730, -108.8410, -26.3850

Square

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



133.9760, 87.6640, -2.8320



104.0030, -68.2580, -62.5460



122.6820, -122.2320, -9.4640



142.3870, 31.8090, 56.8090

Rectangle

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



133.9760, 87.6640, -2.8320



126.6430, 38.5680, -49.2080



122.6820, -122.2320, -9.4640



133.1430, -68.0450, 27.2430

Sweetspot

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



133.9760, 87.6640, -2.8320



225.1700, 31.6360, -0.6520



98.8720, 76.2800, 71.3520



109.9390, 19.1650, -0.4110



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.



133.9760, 87.6640, -2.8320



141.4020, 121.4550, -3.9930



187.9800, 62.3640, -50.9480



102.2240, 5.1810, -0.2830



94.5670, 81.5660, -2.4500



24.0100, 20.4030, -0.8210

Inverse Universe

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



114.0240, -87.6640, 2.8320



113.5980, -121.4550, 3.9930



60.0200, -62.3640, 50.9480



100.7760, -5.1810, 0.2830



76.4330, -81.5660, 2.4500



19.5770, -20.6780, 0.2980

Previews

White Background



This preview shows how the YIQ color 133.9760, 87.6640, -2.8320 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 133.9760, 87.6640, -2.8320 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 133.9760, 87.6640, -2.8320

Background



This preview shows how black text looks on a background with the YIQ color 133.9760, 87.6640, -2.8320.



This preview shows how white text looks on a background with the YIQ color 133.9760, 87.6640,

-2.8320.

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

133.9760, 87.6640, -2.8320

Protanopia

134.5690, 42.5530, -27.8070

Deuteranopia

133.5730, 63.0930, -25.6030



Tritanopia

139.8840, 65.6970, 26.3450

Trichromacy



Original Color

133.9760, 87.6640, -2.8320

Protanomaly

134.0490, 59.0570, -18.5350

Deuteranomaly

133.5190, 72.3530, -17.2070

Tritanomaly

138.0400, 73.5850, 15.5450

Monochromacy



Original Color

133.9760, 87.6640, -2.8320

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

134.0560, 31.9570, -0.9630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.9760, 87.6640, -2.8320 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, 112, 32)` looks like.

```
.text, #text, p{  
    color:rgb(216, 112, 32)  
}
```

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, 112, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 112, 32) }
```

Border

The CSS property to change the border of an element to YIQ 133.9760, 87.6640, -2.8320 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, 112, 32) }
```


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

```
.border{ border-color:rgb(216, 112, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 112, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 112, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 112, 32);  
box-shadow:4px 4px 4px 4px rgb(216, 112,  
32) }
```

Background

The CSS property to change the background color of an element to YIQ 133.9760, 87.6640, -2.8320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 112, 32) }
```

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

```
.background{ background-color: rgb(216,  
112, 32) }
```

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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