

Converting Colors

YIQ(133.3160, 63.8200, 10.7960)

Have a look what the booklet for
YIQ(133.3160, 63.8200, 10.7960)
contains.

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Color

**YIQ(133.3160, 63.8200,
10.7960)**

Conversions

Conversions Part 1

Format	Color
Hex	C96D51
RGB	201, 109, 81
RGB Percent	79%, 43%, 32%
CMY	0.2116, 0.5727, 0.6821
CMYK	0.00, 0.46, 0.60, 0.21
HSL	14°, 53%, 55%
HSV	14°, 60%, 79%
XYZ	31.0536, 23.9488, 10.7842
YIQ	133.3160, 63.8200, 10.7960

Conversions

Conversions Part 2

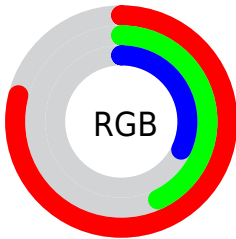
Format	Color
RYB	201, 118, 81
Decimal	13200721
CIELab	56.04, 33.87, 31.67
CIElCh	56, 46.367, 43.074
Yxy	23.9488, 0.4720, 0.3640
Android (android.graphics.Color)	4291390801 (0xFFC96D51)
YUV	133.3160, -25.7918, 59.3589
Hunter-Lab	48.9375, 27.6276, 21.1906

Details

The YIQ color **133.3160, 63.8200, 10.7960** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **148.6840, -63.8200, -10.7960**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **186.2730, 65.3790, 10.0750**, and **81.0810, 57.1720, 10.1320** is the 20% darker color. If you saturate the color by 10%, you get **122.2310, 74.3650, 12.4210**, and if you desaturate by 10%, it is **144.4010, 53.2750, 9.1710**.

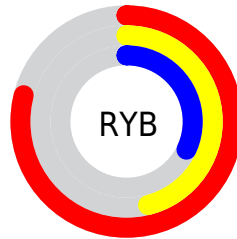
Distribution



Red (79%)

Green (43%)

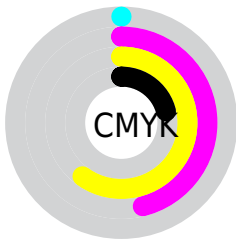
Blue (32%)



Red (79%)

Yellow (46%)

Blue (32%)

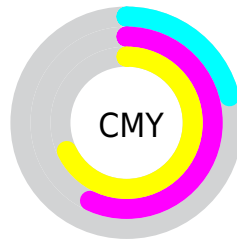


Cyan (0%)

Magenta (46%)

Yellow (60%)

Black (21%)



Cyan (21%)

Magenta (57%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.3160, 63.8200, 10.7960 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 133.3160, 63.8200, 10.7960 by changing the saturation by 10% instead.

133.3160, 63.8200,
10.7960

133.3160, 63.8200,
10.7960

255.0000, -0.0000,
-0.0000

107.0490, 60.1980,
10.3580

186.2730, 65.3790,
10.0750

81.0810, 57.1720,
10.1320

205.0860, 49.6080,
4.0400

55.6400, 54.1000,
10.7400

224.6000, 33.2410,
-2.2070

29.8230, 49.3310,
14.5710

244.8150, 16.2780,
-8.6660

17.3420, 34.5680,
12.2960

253.2900, 4.8150,
-4.6650

9.0840, 17.5590,
6.6710

0.0000, 0.0000,

0.0000

■ 133.3160, 63.8200,
10.7960

■ 133.3160, 63.8200,
10.7960

■ 122.2310, 74.3650,
12.4210

■ 144.4010, 53.2750,
9.1710

■ 110.5590, 85.1850,
14.5690

■ 156.0730, 42.4550,
7.0230

■ 99.4740, 95.7300,
16.1940

■ 167.1580, 31.9100,
5.3980

■ 87.8020, 106.5500,
18.3420

■ 178.8300, 21.0900,
3.2500

■ 87.6880, 106.8710,
18.0310

■ 190.0290, 10.2240,
1.9360

■ 201.7010, -0.5960,
-0.2120

■ 212.7860,
-11.1410, -1.8370

■ 223.8710,
-21.6860, -3.4620

■ 234.7450,
-30.2590, -7.7870

Harmonies

Analogous

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



134.0560, 59.4610, 29.2290



133.3160, 63.8200, 10.7960



131.6820, 53.1410, -10.4350

Triad

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



133.3160, 63.8200, 10.7960



106.4230, -68.7200, -43.1520



131.0570, -47.7320, 17.0360

Complementary

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



133.3160, 63.8200, 10.7960



148.6840, -63.8200, -10.7960

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.



109.1690, -107.6060, -10.2140



133.3160, 63.8200, 10.7960



107.6120, -90.8210, -33.5810

Square

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



133.3160, 63.8200, 10.7960



123.3150, -6.6420, -33.8260



110.6560, -102.1480, -21.0280



138.5210, 1.2320, 32.7520

Rectangle

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



133.3160, 63.8200, 10.7960



130.1050, 38.2880, -22.0960



110.6560, -102.1480, -21.0280



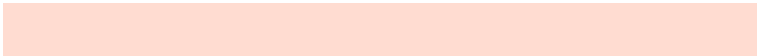
124.0650, -68.5460, 8.7820

Sweetspot

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



133.3160, 63.8200, 10.7960



229.2110, 24.3910, 3.9990



127.5960, 41.3460, 54.6740



111.7800, 15.3590, 2.4870



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.



133.3160, 63.8200, 10.7960



151.2570, 97.8390, 16.5190



167.3620, 47.8700, -19.5380



93.8650, 4.8140, 0.8620



71.0430, 86.6980, 14.6820



15.4600, 19.2560, 3.4480

Inverse Universe

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



148.6840, -63.8200, -10.7960



174.7430, -97.8390, -16.5190



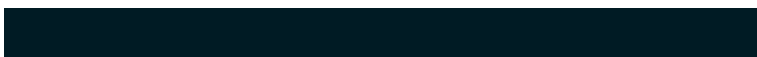
114.6380, -47.8700, 19.5380



95.1350, -4.8140, -0.8620



91.9570, -86.6980, -14.6820



19.9530, -18.9810, -2.9250

Previews

White Background



This preview shows how the YIQ color 133.3160, 63.8200, 10.7960 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 133.3160, 63.8200, 10.7960 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 133.3160, 63.8200, 10.7960

Background



This preview shows how black text looks on a background with the YIQ color 133.3160, 63.8200, 10.7960.



This preview shows how white text looks on a background with the YIQ color 133.3160, 63.8200,

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

133.3160, 63.8200, 10.7960

Protanopia

133.2730, 20.6800, -11.3520

Deuteranopia

133.5370, 37.5520, -8.7520



Tritanopia

135.1000, 56.1610, 22.9530

Trichromacy



Original Color

133.3160, 63.8200, 10.7960

Protanomaly

133.5140, 36.3590, -3.6490

Deuteranomaly

133.4290, 46.9040, -2.0240

Tritanomaly

134.1340, 58.8210, 18.7970

Monochromacy



Original Color

133.3160, 63.8200, 10.7960

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.0260, 23.4740, 4.0980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.3160, 63.8200, 10.7960 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(201, 109, 81)` looks like.

```
.text, #text, p{  
    color:rgb(201, 109, 81)  
}
```

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(201, 109, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 109, 81) }
```

Border

The CSS property to change the border of an element to YIQ 133.3160, 63.8200, 10.7960 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(201, 109, 81) }
```


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

```
.border{ border-color:rgb(201, 109, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 109, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 109, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 109, 81);  
box-shadow:4px 4px 4px 4px rgb(201, 109,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 133.3160, 63.8200, 10.7960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 109, 81) }
```

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

```
.background{ background-color: rgb(201,  
109, 81) }
```

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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