

Converting Colors

YIQ(133.6960, 86.0570, 9.7770)

Have a look what the booklet for
YIQ(133.6960, 86.0570, 9.7770)
contains.

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Color

**YIQ(133.6960, 86.0570,
9.7770)**

Conversions

Conversions Part 1

Format	Color
Hex	DE6837
RGB	222, 104, 55
RGB Percent	87%, 41%, 22%
CMY	0.1292, 0.5923, 0.7839
CMYK	0.00, 0.53, 0.75, 0.13
HSL	18°, 72%, 54%
HSV	18°, 75%, 87%
XYZ	35.7810, 25.7071, 6.7027
YIQ	133.6960, 86.0570, 9.7770

Conversions

Conversions Part 2

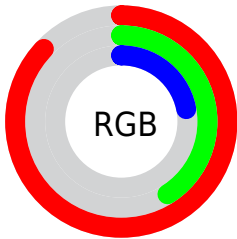
Format	Color
R _Y B	222, 124, 55
Decimal	14575671
CIE Lab	57.76, 43.11, 48.20
CIE LCh	58, 64.663, 48.193
Yxy	25.7071, 0.5247, 0.3770
Android (android.graphics.Color)	4292765751 (0xFFDE6837)
YUV	133.6960, -38.7971, 77.4426
Hunter-Lab	50.7021, 37.2404, 27.6535

Details

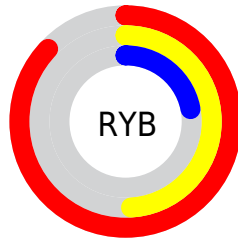
The YIQ color **133.6960, 86.0570, 9.7770** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **143.3040, -86.0570, -9.7770**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.9610, 74.8250, 4.0810**, and **78.8200, 79.7760, 7.9680** is the 20% darker color. If you saturate the color by 10%, you get **121.7960, 97.5190, 11.3030**, and if you desaturate by 10%, it is **145.5960, 74.5950, 8.2510**.

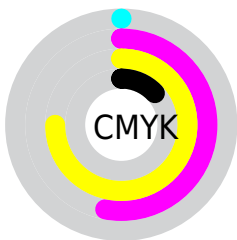
Distribution



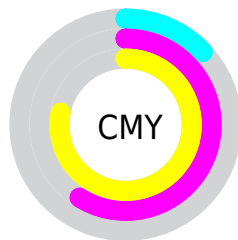
- Red (87%)
- Green (41%)
- Blue (22%)



- Red (87%)
- Yellow (49%)
- Blue (22%)



- Cyan (0%)
- Magenta (53%)
- Yellow (75%)
- Black (13%)




- Cyan (13%)
- Magenta (59%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.6960, 86.0570, 9.7770 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 133.6960, 86.0570, 9.7770 by changing the saturation by 10% instead.


 133.6960, 86.0570,
9.7770

 133.6960, 86.0570,
9.7770


255.0000, -0.0000,
-0.0000


 106.4290, 82.4350,
9.3390


 180.9610, 74.8250,
4.0810


 78.8200, 79.7760,
7.9680


 199.7740, 59.0540,
-1.9540


 52.9580, 70.8800,
15.0080


 219.7610, 42.7330,
-9.0350

 29.9000, 59.6000,
21.2000

 239.2750, 26.3660,
-15.2820

 21.2290, 42.3160,
15.0520

 250.0980, 13.8030,
-13.3730

 13.5690, 26.4990,
9.8510

 253.4040, 4.4940,

 0.0000, 0.0000,

-4.3540

0.0000

■ 133.6960, 86.0570,
9.7770

■ 133.6960, 86.0570,
9.7770

■ 121.7960, 97.5190,
11.3030

■ 145.5960, 74.5950,
8.2510

■ 110.4830,
108.7060, 12.3060

■ 157.0230, 63.0870,
7.5590

■ 104.5330,
114.4370, 13.0690

■ 168.9230, 51.6250,
6.0330

■ 180.8230, 40.1630,
4.5070

■ 192.1360, 28.9760,
3.5040

■ 204.0360, 17.5140,
1.9780

■ 216.0500, 5.7310,
0.7630

■ 227.9500, -5.7310,
-0.7630

■ 239.2630,
-16.9180, -1.7660

Harmonies

Analogous

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



132.3800, 85.2720, 40.5360



133.6960, 86.0570, 9.7770



130.2660, 74.1430, -27.6250

Triad

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



133.6960, 86.0570, 9.7770



109.2640, -81.6940, -50.3180



133.1390, -62.2220, 26.3380

Complementary

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



133.6960, 86.0570, 9.7770



143.3040, -86.0570, -9.7770

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.



117.7240, -122.0500, -1.7460



133.6960, 86.0570, 9.7770



116.4630, -100.5870, -32.8030

Square

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



133.6960, 86.0570, 9.7770



117.7820, -24.7950, -51.7630



120.4020, -115.8120, -15.6840



142.9220, 10.9490, 49.3890

Rectangle

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



133.6960, 86.0570, 9.7770



128.2150, 51.8170, -41.5190



120.4020, -115.8120, -15.6840



110.7940, -119.0710, 4.8410

Sweetspot

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



133.6960, 86.0570, 9.7770



224.2070, 30.2140, 3.0940



118.6130, 61.0120, 72.7240



108.6340, 18.7060, 2.4020



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.



133.6960, 86.0570, 9.7770



133.6860, 118.3800, 13.1960



181.8300, 63.5070, -33.1090



106.0500, 5.7310, 0.7630



82.5610, 90.8710, 10.6390



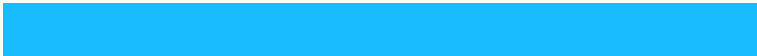
22.5700, 24.7580, 2.8540

Inverse Universe

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



143.3040, -86.0570, -9.7770



146.9010, -118.6550, -13.7190



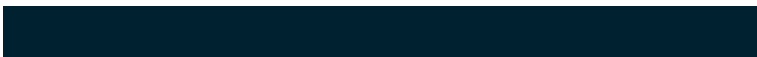
95.1700, -63.5070, 33.1090



106.9500, -5.7310, -0.7630



92.8520, -90.5960, -10.1160



25.4300, -24.7580, -2.8540

Previews

White Background



This preview shows how the YIQ color 133.6960, 86.0570, 9.7770 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 133.6960, 86.0570, 9.7770 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 133.6960, 86.0570, 9.7770

Background



This preview shows how black text looks on a background with the YIQ color 133.6960, 86.0570, 9.7770.



This preview shows how white text looks on a background with the YIQ color 133.6960, 86.0570,

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

133.6960, 86.0570, 9.7770

Protanopia

135.1630, 32.3730, -19.5230

Deuteranopia

134.8680, 52.3170, -17.5310



Tritanopia

136.4720, 72.8490, 28.8890

Trichromacy



Original Color

133.6960, 86.0570, 9.7770

Protanomaly

134.5510, 52.1320, -8.6680

Deuteranomaly

134.4230, 64.2360, -7.7640

Tritanomaly

135.2950, 77.4810, 22.0330

Monochromacy



Original Color

133.6960, 86.0570, 9.7770

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.8050, 31.4060, 3.5180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.6960, 86.0570, 9.7770 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(222, 104, 55)` looks like.

```
.text, #text, p{  
    color:rgb(222, 104, 55)  
}
```

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(222, 104, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 104, 55) }
```

Border

The CSS property to change the border of an element to YIQ 133.6960, 86.0570, 9.7770 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(222, 104, 55) }
```


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

```
.border{ border-color:rgb(222, 104, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 104, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 104, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 104, 55);  
box-shadow:4px 4px 4px 4px rgb(222, 104,  
55) }
```

Background

The CSS property to change the background color of an element to YIQ 133.6960, 86.0570, 9.7770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 104, 55) }
```

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

```
.background{ background-color: rgb(222,  
104, 55) }
```

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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