

Converting Colors

YIQ(133.3940, 89.5430, 1.6630)

Have a look what the booklet for
YIQ(133.3940, 89.5430, 1.6630)
contains.

YIQ(133.3940, 89.5430, 1.6630)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(133.3940, 89.5430,
1.6630)**

Conversions

Conversions Part 1

Format	Color
Hex	DC6C25
RGB	220, 108, 37
RGB Percent	86%, 42%, 15%
CMY	0.1370, 0.5766, 0.8545
CMYK	0.00, 0.51, 0.83, 0.14
HSL	23°, 72%, 50%
HSV	23°, 83%, 86%
XYZ	35.2255, 26.0739, 4.9351
YIQ	133.3940, 89.5430, 1.6630

Conversions

Conversions Part 2

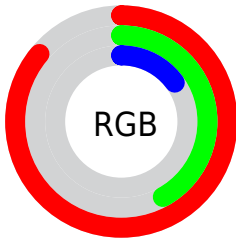
Format	Color
R_{YB}	220, 153, 37
Decimal	14445605
CIE _{Lab}	58.11, 39.72, 56.46
CIE _{LCh}	58, 69.036, 54.872
Yxy	26.0739, 0.5318, 0.3937
Android (android.graphics.Color)	4292635685 (0xFFDC6C25)
YUV	133.3940, -47.5222, 75.9535
Hunter-Lab	51.0626, 33.7787, 30.0136

Details

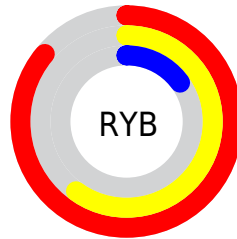
The YIQ color **133.3940, 89.5430, 1.6630** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **123.6060, -89.5430, -1.6630**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.7840, 79.4570, -2.7750**, and **80.7010, 78.4930, 3.6850** is the 20% darker color. If you saturate the color by 10%, you get **122.6680, 100.4550, 2.1430**, and if you desaturate by 10%, it is **143.5330, 78.9060, 1.7060**.

Distribution



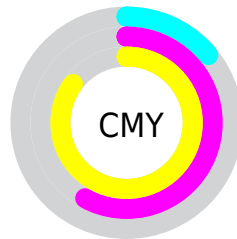
- Red (86%)
- Green (42%)
- Blue (15%)



- Red (86%)
- Yellow (60%)
- Blue (15%)



- Cyan (0%)
- Magenta (51%)
- Yellow (83%)
- Black (14%)



- Cyan (14%)
- Magenta (58%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.3940, 89.5430, 1.6630 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 133.3940, 89.5430, 1.6630 by changing the saturation by 10% instead.

133.3940, 89.5430,
1.6630

133.3940, 89.5430,
1.6630

255.0000, -0.0000,
-0.0000

105.3290, 88.1680,
-0.9520

180.8980, 79.1360,
-2.4640

80.7010, 78.4930,
3.6850

200.1840, 63.4110,
-9.3330

56.4690, 67.7630,
10.9230

219.6980, 47.0440,
-15.5800

29.3020, 58.4080,
20.7760

239.7990, 30.4020,
-22.3500

20.6310, 41.1240,
14.6280

248.2740, 18.9390,
-18.3490

13.2700, 25.9030,
9.6390

251.5800, 9.6300,

0.0000, 0.0000,

-9.3300

0.0000

254.8860, 0.3210,
-0.3110

■ 133.3940, 89.5430,
1.6630

■ 133.3940, 89.5430,
1.6630

■ 122.6680,
100.4550, 2.1430

■ 143.5330, 78.9060,
1.7060

■ 115.6750,
107.7450, 2.1850

■ 154.2590, 67.9940,
1.2260

■ 164.3980, 57.3570,
1.2690

■ 175.1240, 46.4450,
0.7890

■ 185.2630, 35.8080,
0.8320

■ 195.9890, 24.8960,
0.3520

■ 206.1280, 14.2590,
0.3950

■ 216.8540, 3.3470,
-0.0850

■ 226.9930, -7.2900,
-0.0420

Harmonies

Analogous

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



131.6920, 93.0210, 37.7650



133.3940, 89.5430, 1.6630



130.6950, 68.3210, -32.2470

Triad

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



133.3940, 89.5430, 1.6630



111.9200, -86.4170, -47.3210



138.3200, -46.3140, 35.3980

Complementary

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



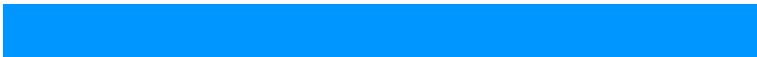
133.3940, 89.5430, 1.6630



123.6060, -89.5430, -1.6630

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.



117.1200, -123.1050, 0.8550



133.3940, 89.5430, 1.6630



119.5750, -106.5940, -28.5620

Square

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



133.3940, 89.5430, 1.6630



103.4010, -63.6270, -63.8750



122.2260, -120.9480, -10.7080



142.4510, 25.7570, 56.3570

Rectangle

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



133.3940, 89.5430, 1.6630



127.5620, 43.2900, -46.6780



122.2260, -120.9480, -10.7080



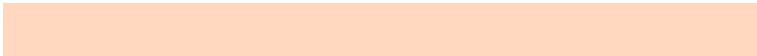
127.1300, -84.3660, 20.1620

Sweetspot

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



133.3940, 89.5430, 1.6630



224.8110, 31.2690, 0.4930



104.5990, 72.7950, 73.9390



109.4660, 19.1190, 0.4230



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.



133.3940, 89.5430, 1.6630



134.3580, 124.7550, 2.2830



186.8110, 64.5180, -45.9300



104.6370, 5.4560, 0.2400



91.0560, 84.6830, 1.6350



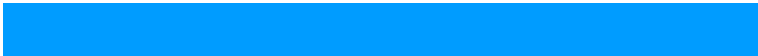
24.3200, 22.4660, 0.3380

Inverse Universe

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



123.6060, -89.5430, -1.6630



120.6420, -124.7550, -2.2830



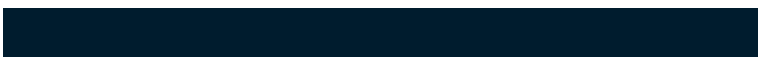
70.1890, -64.5180, 45.9300



103.7760, -5.1810, 0.2830



81.9440, -84.6830, -1.6350



21.6800, -22.4660, -0.3380

Previews

White Background



This preview shows how the YIQ color 133.3940, 89.5430, 1.6630 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 133.3940, 89.5430, 1.6630 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 133.3940, 89.5430, 1.6630

Background



This preview shows how black text looks on a background with the YIQ color 133.3940, 89.5430, 1.6630.



This preview shows how white text looks on a background with the YIQ color 133.3940, 89.5430,

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

133.3940, 89.5430, 1.6630

Protanopia

134.2530, 40.6270, -25.9410

Deuteranopia

133.9580, 60.5710, -23.9490



Tritanopia

138.2760, 70.4650, 28.0410

Trichromacy



Original Color

133.3940, 89.5430, 1.6630

Protanomaly

133.7440, 58.5980, -15.7220

Deuteranomaly

133.9150, 71.2980, -14.6060

Tritanomaly

136.7740, 77.3900, 18.1740

Monochromacy



Original Color

133.3940, 89.5430, 1.6630

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.2950, 32.7820, 0.6060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.3940, 89.5430, 1.6630 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(220, 108, 37)` looks like.

```
.text, #text, p{  
    color:rgb(220, 108, 37)  
}
```

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(220, 108, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 108, 37) }
```

Border

The CSS property to change the border of an element to YIQ 133.3940, 89.5430, 1.6630 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(220, 108, 37) }
```


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

```
.border{ border-color:rgb(220, 108, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 108, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 108, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 108, 37);  
box-shadow:4px 4px 4px 4px rgb(220, 108,  
37) }
```

Background

The CSS property to change the background color of an element to YIQ 133.3940, 89.5430, 1.6630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 108, 37) }
```

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

```
.background{ background-color: rgb(220,  
108, 37) }
```

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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