

Converting Colors

YIQ(133.1100, 57.0870,
-26.8890)

Have a look what the booklet for
YIQ(133.1100, 57.0870, -26.8890)
contains.

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Color

**YIQ(133.1100, 57.0870,
-26.8890)**

Conversions

Conversions Part 1	
Format	Color
Hex	AB8718
RGB	171, 135, 24
RGB Percent	67%, 53%, 9%
CMY	0.3294, 0.4706, 0.9055
CMYK	0.00, 0.21, 0.86, 0.33
HSL	45°, 75%, 38%
HSV	45°, 86%, 67%
XYZ	25.6230, 26.0483, 4.5459
YIQ	133.1100, 57.0870, -26.8890

Conversions

Conversions Part 2

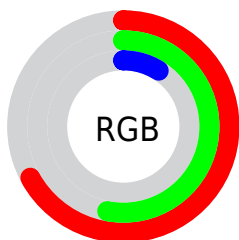
Format	Color
RYB	72, 171, 24
Decimal	11241240
CIELab	58.08, 3.68, 58.35
CIELCh	58, 58.463, 86.395
Yxy	26.0483, 0.4558, 0.4634
Android (android.graphics.Color)	4289431320 (0xFFAB8718)
YUV	133.1100, -53.7912, 33.2295
Hunter-Lab	51.0376, 0.2989, 30.4454

Details

The YIQ color **133.1100, 57.0870, -26.8890** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **61.8900, -57.0870, 26.8890**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.3600, 59.3790, -24.3730**, and **84.5680, 44.2940, -20.8100** is the 20% darker color. If you saturate the color by 10%, you get **128.8240, 63.6440, -30.0840**, and if you desaturate by 10%, it is **137.3960, 50.5300, -23.6940**.

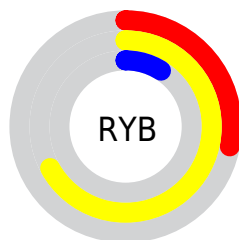
Distribution



Red (67%)

Green (53%)

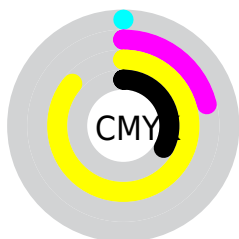
Blue (9%)



Red (28%)

Yellow (67%)

Blue (9%)

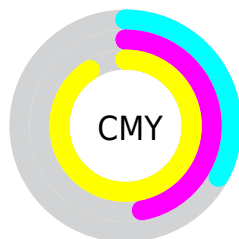


Cyan (0%)

Magenta (21%)

Yellow (86%)

Black (33%)



Cyan (33%)


Magenta (47%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.1100, 57.0870, -26.8890 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 133.1100, 57.0870, -26.8890 by changing the saturation by 10% instead.


 133.1100, 57.0870,
-26.8890


 133.1100, 57.0870,
-26.8890


255.0000, -0.0000,
-0.0000


 107.0280, 54.3820,
-27.4260


 188.3600, 59.3790,
-24.3730


 84.5680, 44.2940,
-20.8100


 215.2350, 58.2330,
-25.6310


 62.9940, 34.5270,
-14.5050


 234.7490, 41.8660,
-31.8780

 42.0070, 24.4850,
-8.7230

 244.2840, 30.1740,
-29.2340

 22.7920, 15.0850,
-3.5630

 247.4760, 21.1860,
-20.5260

 0.0000, 0.0000,
0.0000

 250.7820, 11.8770,

-11.5070

254.0880, 2.5680,
-2.4880

133.1100, 57.0870,
-26.8890

133.1100, 57.0870,
-26.8890

128.8240, 63.6440,
-30.0840

137.3960, 50.5300,
-23.6940

126.8520, 66.4410,
-31.2150

141.6820, 43.9730,
-20.4990

146.5550, 37.1410,
-17.8270

150.8410, 30.5840,
-14.6320

155.2410, 23.7060,
-11.1260

■ 159.5270, 17.1490,
-7.9310

■ 163.8130, 10.5920,
-4.7360

■ 168.6860, 3.7600,
-2.0640

■ 172.9720, -2.7970,
1.1310

Harmonies

Analogous

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



136.1520, 75.6050, 0.9570



133.1100, 57.0870, -26.8890



128.5610, 18.6680, -40.9800

Triad

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



133.1100, 57.0870, -26.8890



117.2440, -104.1640, -28.5480



143.2840, 24.4290, 47.3810

Complementary

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



133.1100, 57.0870, -26.8890



61.8900, -57.0870, 26.8890

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.



140.7420, -33.0630, 32.0330



133.1100, 57.0870, -26.8890



118.8690, -115.6290, -13.4930

Square

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



133.1100, 57.0870, -26.8890



110.7290, -87.1970, -44.1970



113.8770, -118.1070, -1.6190



138.4610, 63.3550, 46.7710

Rectangle

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



133.1100, 57.0870, -26.8890



123.0760, -16.6350, -45.4590



113.8770, -118.1070, -1.6190



144.1940, 7.0070, 43.7350

Sweetspot

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



133.1100, 57.0870, -26.8890



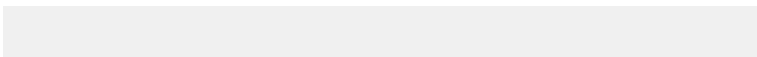
207.1700, 22.4680, -10.7160



72.1710, 75.7350, 42.6710



103.3140, 13.4350, -6.7010



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



133.1100, 57.0870, -26.8890



164.4070, 86.3870, -40.2770



143.1790, 25.1350, -53.5610



84.8000, 3.4390, -1.7530



111.7680, 58.0500, -27.8220



16.8560, 9.0330, -4.0150

Inverse Universe

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



61.8900, -57.0870, 26.8890



57.0060, -86.1120, 40.8000



51.8210, -25.1350, 53.5610



80.2000, -3.4390, 1.7530



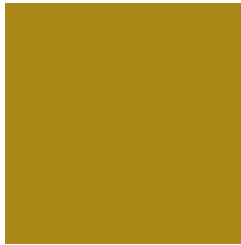
38.8190, -58.3250, 27.2990



6.1440, -9.0330, 4.0150

Previews

White Background



This preview shows how the YIQ color 133.1100, 57.0870, -26.8890 looks on a white background.

Color Contrast Check

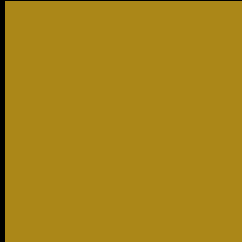
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.1100, 57.0870, -26.8890 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 133.1100, 57.0870, -26.8890

Background



This preview shows how black text looks on a background with the YIQ color 133.1100, 57.0870, -26.8890.



This preview shows how white text looks on a background with the YIQ color 133.1100, 57.0870, -26.8890.

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

133.1100, 57.0870, -26.8890

Protanopia

132.0870, 46.7260, -31.8500

Deuteranopia

133.6590, 59.9750, -24.1610



Tritanopia

142.5740, 28.1030, 13.8230

Trichromacy



Original Color
133.1100, 57.0870, -26.8890

Protanomaly
132.2940, 50.5770, -30.0550

Deuteranomaly
133.5340, 58.8290, -25.4190

Tritanomaly
138.8780, 38.3300, -0.8220

Monochromacy



Original Color
133.1100, 57.0870, -26.8890

Achromatopsia
133.0000, 0.0000, 0.0000

Achromatomaly
133.2130, 20.9090, -9.9950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.1100, 57.0870, -26.8890 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(171, 135, 24)` looks like.

```
.text, #text, p{  
    color:rgb(171, 135, 24)  
}
```

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(171, 135, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 135, 24) }
```

Border

The CSS property to change the border of an element to YIQ 133.1100, 57.0870, -26.8890 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(171, 135, 24) }
```


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

```
.border{ border-color:rgb(171, 135, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 135, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 135, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 135, 24);  
box-shadow:4px 4px 4px 4px rgb(171, 135,  
24) }
```

Background

The CSS property to change the background color of an element to YIQ 133.1100, 57.0870, -26.8890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 135, 24) }
```

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

```
.background{ background-color: rgb(171,  
135, 24) }
```

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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