

Converting Colors

YIQ(133.0040, 46.9030, 3.5030)

Have a look what the booklet for
YIQ(133.0040, 46.9030, 3.5030)
contains.

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Color

**YIQ(133.0040, 46.9030,
3.5030)**

Conversions

Conversions Part 1

Format	Color
Hex	B47657
RGB	180, 118, 87
RGB Percent	71%, 46%, 34%
CMY	0.2940, 0.5373, 0.6586
CMYK	0.00, 0.34, 0.52, 0.29
HSL	20°, 38%, 52%
HSV	20°, 52%, 71%
XYZ	27.0279, 23.3469, 12.1102
YIQ	133.0040, 46.9030, 3.5030

Conversions

Conversions Part 2

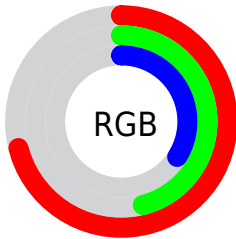
Format	Color
R_{YB}	180, 134, 87
Decimal	11826775
CIE _{Lab}	55.43, 20.92, 26.97
CIE _{LCh}	55, 34.131, 52.202
Yxy	23.3469, 0.4325, 0.3736
Android (android.graphics.Color)	4290016855 (0xFFB47657)
YUV	133.0040, -22.6800, 41.2155
Hunter-Lab	48.3187, 15.2893, 18.9631

Details

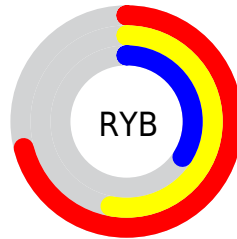
The YIQ color **133.0040, 46.9030, 3.5030** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **133.9960, -46.9030, -3.5030**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.5700, 51.1210, 4.1530**, and **82.2530, 41.7680, 2.9520** is the 20% darker color. If you saturate the color by 10%, you get **123.9080, 55.9810, 4.1810**, and if you desaturate by 10%, it is **142.1000, 37.8250, 2.8250**.

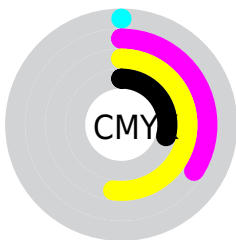
Distribution



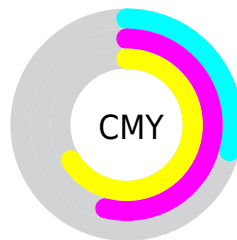
- Red (71%)
- Green (46%)
- Blue (34%)



- Red (71%)
- Yellow (53%)
- Blue (34%)



- Cyan (0%)
- Magenta (34%)
- Yellow (52%)
- Black (29%)




- Cyan (29%)
- Magenta (54%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.0040, 46.9030, 3.5030 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 133.0040, 46.9030, 3.5030 by changing the saturation by 10% instead.


 133.0040, 46.9030,
3.5030


 133.0040, 46.9030,
3.5030


255.0000, -0.0000,
-0.0000


 107.2210, 44.7940,
3.1780


 186.5700, 51.1210,
4.1530


 82.2530, 41.7680,
2.9520


 211.1670, 44.8860,
1.5100


 58.1710, 39.0630,
2.4150


 230.6810, 28.5190,
-4.7370

 35.3170, 35.7160,
2.5000

 250.8960, 11.5560,
-11.1960

 14.6290, 26.2700,
8.4940

 254.0880, 2.5680,
-2.4880

 0.8970, 1.7880,
0.6360

 0.0000, 0.0000,

0.0000

■ 133.0040, 46.9030,
3.5030

■ 133.0040, 46.9030,
3.5030

■ 123.9080, 55.9810,
4.1810

■ 142.1000, 37.8250,
2.8250

■ 114.8120, 65.0590,
4.8590

■ 151.1960, 28.7470,
2.1470

■ 105.7160, 74.1370,
5.5370

■ 160.2920, 19.6690,
1.4690

■ 96.6200, 83.2150,
6.2150

■ 169.3880, 10.5910,
0.7910

■ 89.0400, 90.7800,
6.7800

■ 178.4840, 1.5130,
0.1130

■ 187.5800, -7.5650,
-0.5650

■ 196.6760,
-16.6430, -1.2430

■ 205.7720,
-25.7210, -1.9210

■ 214.8680,
-34.7990, -2.5990

Harmonies

Analogous

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



134.1480, 47.0380, 17.5820



133.0040, 46.9030, 3.5030



131.1130, 35.8100, -10.2220

Triad

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



133.0040, 46.9030, 3.5030



116.8590, -48.9160, -27.6040



133.5300, -21.3230, 17.5010

Complementary

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



133.0040, 46.9030, 3.5030



133.9960, -46.9030, -3.5030

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.



124.6070, -55.7530, 2.7030



133.0040, 46.9030, 3.5030



104.4320, -90.1340, -29.5100

Square

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



133.0040, 46.9030, 3.5030



123.7630, -13.4750, -25.6270



105.5210, -97.3340, -20.1660



136.3830, 10.1280, 25.7120

Rectangle

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



133.0040, 46.9030, 3.5030



129.5410, 22.5610, -17.9110



105.5210, -97.3340, -20.1660



131.7350, -32.3260, 13.1620

Sweetspot

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



133.0040, 46.9030, 3.5030



216.8080, 18.1560, 1.3560



122.1030, 34.8840, 39.6200



106.3880, 10.5910, 0.7910



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



133.0040, 46.9030, 3.5030



161.4170, 73.5410, 5.3250



159.4190, 34.5280, -20.0320



84.4520, 4.5390, 0.3390



75.6840, 77.1630, 5.7630



12.4700, 13.2960, 1.3280

Inverse Universe

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



133.9960, -46.9030, -3.5030



162.5830, -73.5410, -5.3250



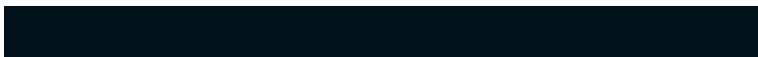
107.5810, -34.5280, 20.0320



84.5480, -4.5390, -0.3390



77.3160, -77.1630, -5.7630



12.9430, -13.0210, -0.8050

Previews

White Background



This preview shows how the YIQ color 133.0040, 46.9030, 3.5030 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 133.0040, 46.9030, 3.5030 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 133.0040, 46.9030, 3.5030

Background



This preview shows how black text looks on a background with the YIQ color 133.0040, 46.9030, 3.5030.



This preview shows how white text looks on a background with the YIQ color 133.0040, 46.9030,

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

133.0040, 46.9030, 3.5030

Protanopia

131.7290, 19.3960, -10.1080

Deuteranopia

132.0790, 33.1500, -6.0660



Tritanopia

134.9560, 38.8310, 17.6390

Trichromacy



Original Color

133.0040, 46.9030, 3.5030

Protanomaly

132.4530, 29.1610, -5.3590

Deuteranomaly

132.5250, 37.8260, -2.7020

Tritanomaly

134.3490, 41.8580, 12.3380

Monochromacy



Original Color

133.0040, 46.9030, 3.5030

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.2100, 16.9640, 0.9320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.0040, 46.9030, 3.5030 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(180, 118, 87)` looks like.

```
.text, #text, p{  
    color:rgb(180, 118, 87)  
}
```

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(180, 118, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 118, 87) }
```

Border

The CSS property to change the border of an element to YIQ 133.0040, 46.9030, 3.5030 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(180, 118, 87) }
```


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

```
.border{ border-color:rgb(180, 118, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 118, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 118, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 118, 87);  
box-shadow:4px 4px 4px 4px rgb(180, 118,  
87) }
```

Background

The CSS property to change the background color of an element to YIQ 133.0040, 46.9030, 3.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 118, 87) }
```

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

```
.background{ background-color: rgb(180,  
118, 87) }
```

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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