

Converting Colors

YIQ(133.6180, 41.9980, -1.2180)

Have a look what the booklet for
YIQ(133.6180, 41.9980, -1.2180)
contains.

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Color

**YIQ(133.6180, 41.9980,
-1.2180)**

Conversions

Conversions Part 1

Format	Color
Hex	AD7B55
RGB	173, 123, 85
RGB Percent	68%, 48%, 33%
CMY	0.3215, 0.5177, 0.6665
CMYK	0.00, 0.29, 0.51, 0.32
HSL	26°, 35%, 51%
HSV	26°, 51%, 68%
XYZ	25.9610, 23.7044, 11.8119
YIQ	133.6180, 41.9980, -1.2180

Conversions

Conversions Part 2

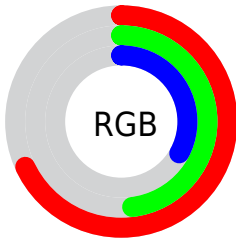
Format	Color
R_{YB}	173, 152, 85
Decimal	11369301
CIE Lab	55.79, 14.97, 28.39
CIE LCh	56, 32.096, 62.198
Yxy	23.7044, 0.4223, 0.3856
Android (android.graphics.Color)	4289559381 (0xFFAD7B55)
YUV	133.6180, -23.9687, 34.5380
Hunter-Lab	48.6871, 9.9774, 19.6968

Details

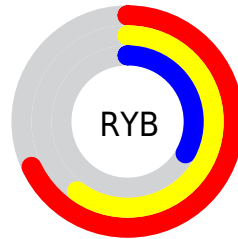
The YIQ color **133.6180, 41.9980, -1.2180** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **124.3820, -41.9980, 1.2180**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.7710, 45.9410, -1.0910**, and **83.1660, 37.4590, -1.5570** is the 20% darker color. If you saturate the color by 10%, you get **125.8100, 50.2050, -1.2750**, and if you desaturate by 10%, it is **141.4260, 33.7910, -1.1610**.

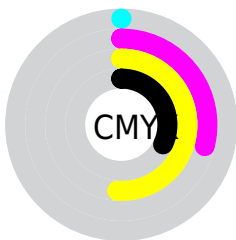
Distribution



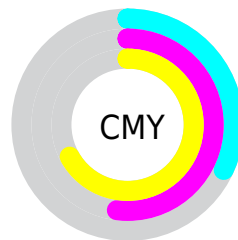
- Red (68%)
- Green (48%)
- Blue (33%)



- Red (68%)
- Yellow (60%)
- Blue (33%)



- Cyan (0%)
- Magenta (29%)
- Yellow (51%)
- Black (32%)



- Cyan (32%)
- Magenta (52%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.6180, 41.9980, -1.2180 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 133.6180, 41.9980, -1.2180 by changing the saturation by 10% instead.

■ 133.6180, 41.9980,
-1.2180

■ 133.6180, 41.9980,
-1.2180

■ 255.0000, -0.0000,
-0.0000

■ 107.8350, 39.8890,
-1.5430

■ 187.7710, 45.9410,
-1.0910

■ 83.1660, 37.4590,
-1.5570

■ 213.8740, 44.1530,
-1.7270

■ 59.0840, 34.7540,
-2.0940

■ 233.3880, 27.7860,
-7.9740

■ 37.3440, 31.0860,
-1.6980

■ 250.6680, 12.1980,
-11.8180

■ 16.9550, 22.2360,
4.5080

■ 253.8600, 3.2100,
-3.1100

■ 0.0000, 0.0000,
0.0000

■ 133.6180, 41.9980,
-1.2180

■ 133.6180, 41.9980,
-1.2180

■ 125.8100, 50.2050,
-1.2750

■ 141.4260, 33.7910,
-1.1610

■ 117.8880, 58.7330,
-1.6430

■ 149.3480, 25.2630,
-0.7930

■ 110.0800, 66.9400,
-1.7000

■ 157.1560, 17.0560,
-0.7360

■ 102.8590, 74.8720,
-2.2800

■ 164.3770, 9.1240,
-0.1560

■ 95.7520, 82.4830,
-2.5490

■ 172.2990, 0.5960,
0.2120

■ 180.1070, -7.6110,
0.2690

■ 187.9150,
-15.8180, 0.3260

■ 195.7230,

-24.0250, 0.3830

■ 203.6450,
-32.5530, 0.7510

Harmonies

Analogous

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



135.0890, 45.5260, 11.9420



133.6180, 41.9980, -1.2180



131.6990, 28.1080, -13.8120

Triad

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



133.6180, 41.9980, -1.2180



116.9060, -56.2980, -25.9780



136.4560, -9.3110, 20.0730

Complementary

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



133.6180, 41.9980, -1.2180



124.3820, -41.9980, 1.2180

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.



130.0820, -40.8530, 8.0030



133.6180, 41.9980, -1.2180



105.3440, -92.7020, -27.0220

Square

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



133.6180, 41.9980, -1.2180



123.9130, -22.6450, -24.6370



117.8450, -71.5230, -8.8590



137.1620, 18.0600, 25.1320

Rectangle

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



133.6180, 41.9980, -1.2180



129.4090, 14.1250, -19.2110



117.8450, -71.5230, -8.8590



134.4870, -19.7640, 16.7800

Sweetspot

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



133.6180, 41.9980, -1.2180



209.0850, 15.8180, -0.3260



117.1260, 36.0770, 34.5170



103.2630, 9.4450, -0.4670



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.



133.6180, 41.9980, -1.2180



163.2970, 64.8310, -2.0250



158.8590, 30.1730, -23.7070



83.0390, 4.2640, -0.1840



83.0050, 71.5250, -2.1950



12.7470, 10.9580, -0.3540

Inverse Universe

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



124.3820, -41.9980, 1.2180



148.7030, -64.8310, 2.0250



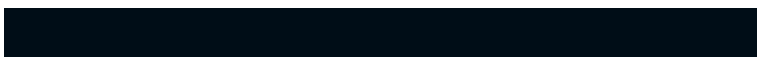
99.1410, -30.1730, 23.7070



81.9610, -4.2640, 0.1840



67.5820, -71.8000, 1.6720



10.2530, -10.9580, 0.3540

Previews

White Background



This preview shows how the YIQ color 133.6180, 41.9980, -1.2180 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 133.6180, 41.9980, -1.2180 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 133.6180, 41.9980, -1.2180

Background



This preview shows how black text looks on a background with the YIQ color 133.6180, 41.9980, -1.2180.



This preview shows how white text looks on a background with the YIQ color 133.6180, 41.9980,

-1.2180.

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

133.6180, 41.9980, -1.2180

Protanopia

132.1590, 21.0010, -11.6630

Deuteranopia

133.1500, 34.3880, -6.4760



Tritanopia

136.3680, 31.6790, 15.0950

Trichromacy



Original Color

133.6180, 41.9980, -1.2180

Protanomaly

132.6870, 28.3820, -7.7620

Deuteranomaly

133.1720, 37.3220, -4.5820

Tritanomaly

135.5330, 35.3480, 9.1720

Monochromacy



Original Color

133.6180, 41.9980, -1.2180

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.7860, 15.2220, -0.5380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.6180, 41.9980, -1.2180 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(173, 123, 85)` looks like.

```
.text, #text, p{  
    color:rgb(173, 123, 85)  
}
```

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(173, 123, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 123, 85) }
```

Border

The CSS property to change the border of an element to YIQ 133.6180, 41.9980, -1.2180 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(173, 123, 85) }
```


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

```
.border{ border-color:rgb(173, 123, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 123, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 123, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 123, 85);  
box-shadow:4px 4px 4px 4px rgb(173, 123,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 133.6180, 41.9980, -1.2180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 123, 85) }
```

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

```
.background{ background-color: rgb(173,  
123, 85) }
```

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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