

Converting Colors

YIQ(134.0970, 41.9070, -5.0770)

Have a look what the booklet for
YIQ(134.0970, 41.9070, -5.0770)
contains.

YIQ(134.0970, 41.9070, -5.0770)	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(134.0970, 41.9070,
-5.0770)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7E4F
RGB	171, 126, 79
RGB Percent	67%, 49%, 31%
CMY	0.3293, 0.5059, 0.6900
CMYK	0.00, 0.26, 0.54, 0.33
HSL	31°, 37%, 49%
HSV	31°, 54%, 67%
XYZ	25.6705, 24.1423, 10.7139
YIQ	134.0970, 41.9070, -5.0770

Conversions

Conversions Part 2

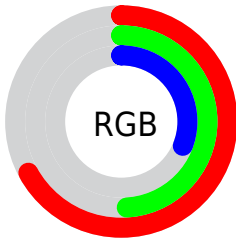
Format	Color
R_{YB}	167, 171, 79
Decimal	11238991
CIE _{Lab}	56.23, 11.86, 32.20
CIE _{LCh}	56, 34.316, 69.777
Yxy	24.1423, 0.4241, 0.3989
Android (android.graphics.Color)	4289429071 (0xFFAB7E4F)
YUV	134.0970, -27.1628, 32.3639
Hunter-Lab	49.1348, 7.2716, 21.4660

Details

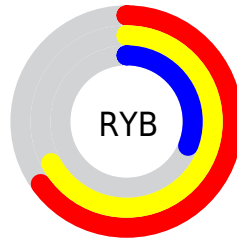
The YIQ color **134.0970, 41.9070, -5.0770** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **115.9030, -41.9070, 5.0770**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.2500, 45.8500, -4.9500**, and **83.6450, 37.3680, -5.4160** is the 20% darker color. If you saturate the color by 10%, you get **127.4630, 49.5640, -6.1800**, and if you desaturate by 10%, it is **140.7310, 34.2500, -3.9740**.

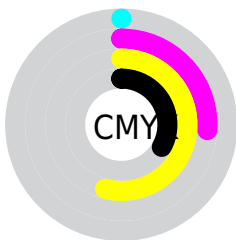
Distribution



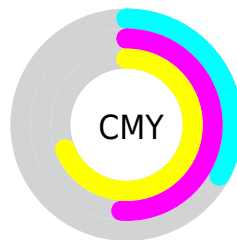
- Red (67%)
- Green (49%)
- Blue (31%)



- Red (65%)
- Yellow (67%)
- Blue (31%)



- Cyan (0%)
- Magenta (26%)
- Yellow (54%)
- Black (33%)





- Cyan (33%)
- Magenta (51%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 134.0970, 41.9070, -5.0770 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 134.0970, 41.9070, -5.0770 by changing the saturation by 10% instead.


 134.0970, 41.9070,
-5.0770


 134.0970, 41.9070,
-5.0770


 255.0000, -0.0000,
-0.0000


 108.3140, 39.7980,
-5.4020


 188.2500, 45.8500,
-4.9500


 83.6450, 37.3680,
-5.4160


 214.8370, 45.5750,
-5.4730


 59.3350, 35.3050,
-6.5750

 234.3510, 29.2080,
-11.7200

 38.5070, 29.0690,
-3.6910

 249.8700, 14.4450,
-13.9950

 18.7050, 19.9440,
1.9920

 253.1760, 5.1360,
-4.9760

 0.0000, 0.0000,
0.0000

■ 134.0970, 41.9070,
-5.0770

■ 134.0970, 41.9070,
-5.0770

■ 127.4630, 49.5640,
-6.1800

■ 140.7310, 34.2500,
-3.9740

■ 120.2420, 57.4960,
-6.7600

■ 147.9520, 26.3180,
-3.3940

■ 113.6080, 65.1530,
-7.8630

■ 154.5860, 18.6610,
-2.2910

■ 106.3870, 73.0850,
-8.4430

■ 161.2200, 11.0040,
-1.1880

■ 102.1980, 77.9910,
-9.2490

■ 168.5550, 2.7510,
-0.2970

■ 175.1890, -4.9060,
0.8060

■ 182.4100,
-12.8380, 1.3860

■ 189.0440,

-20.4950, 2.4890

■ 195.6780,
-28.1520, 3.5920

Harmonies

Analogous

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



135.4760, 48.6900, 9.6660



134.0970, 41.9070, -5.0770



131.4380, 24.3490, -17.2750

Triad

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



134.0970, 41.9070, -5.0770



109.8370, -78.2130, -30.7970



137.9840, -1.9300, 23.9740

Complementary

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



134.0970, 41.9070, -5.0770



115.9030, -41.9070, 5.0770

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.



132.3540, -35.6270, 12.4130



134.0970, 41.9070, -5.0770



107.0710, -96.1870, -24.4350

Square

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



134.0970, 41.9070, -5.0770



122.4710, -33.1440, -27.0960



119.9530, -71.7070, -5.5230



138.5220, 25.8540, 27.0540

Rectangle

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



134.0970, 41.9070, -5.0770



129.4790, 7.9360, -22.6880



119.9530, -71.7070, -5.5230



136.8300, -13.3000, 20.7800

Sweetspot

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



134.0970, 41.9070, -5.0770



207.3300, 16.5060, -1.7820



111.7520, 40.0660, 33.8100



103.7360, 9.4910, -1.3010



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.



134.0970, 41.9070, -5.0770



163.9070, 65.7490, -7.6510



160.5120, 29.5320, -28.6120



83.0390, 4.2640, -0.1840



90.0490, 68.2250, -8.4710



13.9210, 10.4080, -1.4000

Inverse Universe

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



115.9030, -41.9070, 5.0770



135.5060, -65.4740, 8.1740



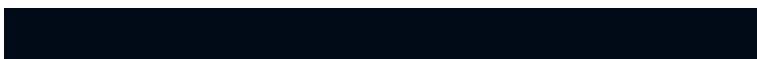
89.4880, -29.5320, 28.6120



81.3740, -3.9890, 0.7070



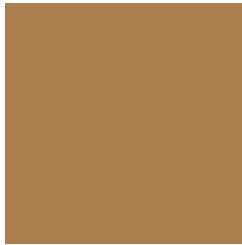
60.5380, -68.5000, 7.9480



9.0790, -10.4080, 1.4000

Previews

White Background



This preview shows how the YIQ color 134.0970, 41.9070, -5.0770 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 134.0970, 41.9070, -5.0770 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 134.0970, 41.9070, -5.0770

Background



This preview shows how black text looks on a background with the YIQ color 134.0970, 41.9070, -5.0770.



This preview shows how white text looks on a background with the YIQ color 134.0970, 41.9070, -5.0770.

-5.0770.

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

134.0970, 41.9070, -5.0770

Protanopia

132.8450, 24.7610, -13.7270

Deuteranopia

133.6510, 37.2310, -8.4410



Tritanopia

137.4710, 29.8910, 14.4590

Trichromacy



Original Color

134.0970, 41.9070, -5.0770

Protanomaly

133.3620, 30.6750, -10.7730

Deuteranomaly

133.9610, 39.2940, -7.2820

Tritanomaly

136.2940, 34.5230, 7.6030

Monochromacy



Original Color

134.0970, 41.9070, -5.0770

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.8460, 14.9930, -1.8950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.0970, 41.9070, -5.0770 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, 126, 79)` looks like.

```
.text, #text, p{  
    color:rgb(171, 126, 79)  
}
```

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, 126, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 126, 79) }
```

Border

The CSS property to change the border of an element to YIQ 134.0970, 41.9070, -5.0770 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, 126, 79) }
```


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

```
.border{ border-color:rgb(171, 126, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 126, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 126, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 126, 79);  
box-shadow:4px 4px 4px 4px rgb(171, 126,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 134.0970, 41.9070, -5.0770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 126, 79) }
```

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

```
.background{ background-color: rgb(171,  
126, 79) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor