

Converting Colors

YIQ(134.6030, 46.3540, -3.0700)

Have a look what the booklet for
YIQ(134.6030, 46.3540, -3.0700)
contains.

YIQ(134.6030, 46.3540, -3.0700)	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(134.6030, 46.3540,
-3.0700)**

Conversions

Conversions Part 1

Format	Color
Hex	B17C4E
RGB	177, 124, 78
RGB Percent	69%, 49%, 31%
CMY	0.3058, 0.5138, 0.6939
CMYK	0.00, 0.30, 0.56, 0.31
HSL	28°, 39%, 50%
HSV	28°, 56%, 69%
XYZ	26.7191, 24.3106, 10.5024
YIQ	134.6030, 46.3540, -3.0700

Conversions

Conversions Part 2

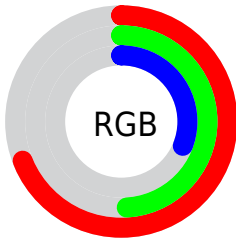
Format	Color
R_{YB}	177, 164, 78
Decimal	11631694
CIE _{Lab}	56.40, 15.48, 33.10
CIE _{LCh}	56, 36.543, 64.933
Yxy	24.3106, 0.4342, 0.3951
Android (android.graphics.Color)	4289821774 (0xFFB17C4E)
YUV	134.6030, -27.9053, 37.1822
Hunter-Lab	49.3058, 10.4453, 21.8849

Details

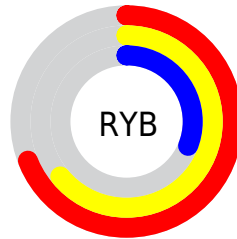
The YIQ color **134.6030, 46.3540, -3.0700** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **120.3970, -46.3540, 3.0700**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.7560, 50.2970, -2.9430**, and **83.8520, 41.2190, -3.6210** is the 20% darker color. If you saturate the color by 10%, you get **126.6810, 54.8820, -3.4380**, and if you desaturate by 10%, it is **141.9380, 38.1010, -2.1790**.

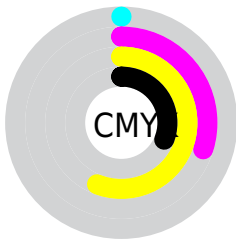
Distribution



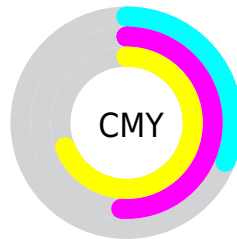
- Red (69%)
- Green (49%)
- Blue (31%)



- Red (69%)
- Yellow (64%)
- Blue (31%)



- Cyan (0%)
- Magenta (30%)
- Yellow (56%)
- Black (31%)





- Cyan (31%)
- Magenta (51%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 134.6030, 46.3540, -3.0700 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 134.6030, 46.3540, -3.0700 by changing the saturation by 10% instead.


 134.6030, 46.3540,
-3.0700


 134.6030, 46.3540,
-3.0700


255.0000, -0.0000,
-0.0000


 108.8200, 44.2450,
-3.3950


 188.7560, 50.2970,
-2.9430

 83.8520, 41.2190,
-3.6210


 213.5490, 46.4460,
-4.7380


 59.5420, 39.1560,
-4.7800

 233.0630, 30.0790,
-10.9850

 38.5290, 32.0030,
-1.7970

 249.7560, 14.7660,
-14.3060

 18.7270, 22.8780,
3.8860

 253.0620, 5.4570,
-5.2870

 0.0000, 0.0000,
0.0000

■ 134.6030, 46.3540,
-3.0700

■ 134.6030, 46.3540,
-3.0700

■ 126.6810, 54.8820,
-3.4380

■ 141.9380, 38.1010,
-2.1790

■ 119.4600, 62.8140,
-4.0180

■ 149.7460, 29.8940,
-2.1220

■ 112.1250, 71.0670,
-4.9090

■ 157.0810, 21.6410,
-1.2310

■ 104.2030, 79.5950,
-5.2770

■ 165.0030, 13.1130,
-0.8630

■ 101.0570, 82.9420,
-5.3620

■ 172.3380, 4.8600,
0.0280

■ 180.1460, -3.3470,
0.0850

■ 187.4810,
-11.6000, 0.9760

■ 195.4030,

-20.1280, 1.3440

■ 202.6240,
-28.0600, 1.9240

Harmonies

Analogous

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



136.0250, 51.5780, 12.3940



134.6030, 46.3540, -3.0700



132.1890, 29.4840, -16.7240

Triad

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



134.6030, 46.3540, -3.0700



105.4830, -86.1440, -35.7440



138.0480, -7.9820, 23.5220

Complementary

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



134.6030, 46.3540, -3.0700



120.3970, -46.3540, 3.0700

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.



131.3960, -44.6130, 10.0670



134.6030, 46.3540, -3.0700



108.1310, -96.4160, -25.7920

Square

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



134.6030, 46.3540, -3.0700



122.9720, -30.3010, -29.0610



109.3840, -98.2060, -15.3740



139.0210, 23.0110, 29.0190

Rectangle

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



134.6030, 46.3540, -3.0700



129.7030, 13.1170, -22.9710



109.3840, -98.2060, -15.3740



136.5950, -19.9480, 20.1160

Sweetspot

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



134.6030, 46.3540, -3.0700



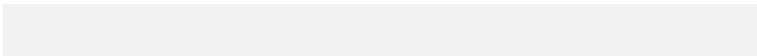
213.1130, 18.6150, -1.4570



113.7570, 41.6700, 37.7820



104.7470, 10.9580, -0.3540



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



134.6030, 46.3540, -3.0700



163.7230, 72.2590, -4.4850



162.7790, 33.1540, -28.1740



85.0390, 4.2640, -0.1840



87.4240, 71.6630, -4.6970



14.8180, 12.1960, -0.7640

Inverse Universe

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



120.3970, -46.3540, 3.0700



141.6900, -71.9840, 5.0080



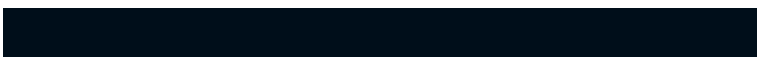
92.2210, -33.1540, 28.1740



83.9610, -4.2640, 0.1840



65.5760, -71.6630, 4.6970



11.1820, -12.1960, 0.7640

Previews

White Background



This preview shows how the YIQ color 134.6030, 46.3540, -3.0700 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 134.6030, 46.3540, -3.0700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

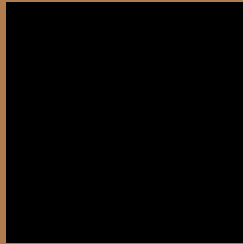
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 134.6030, 46.3540, -3.0700

Background



This preview shows how black text looks on a background with the YIQ color 134.6030, 46.3540, -3.0700.



This preview shows how white text looks on a background with the YIQ color 134.6030, 46.3540,

-3.0700.

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

134.6030, 46.3540, -3.0700

Protanopia

133.4320, 24.4860, -14.2500

Deuteranopia

133.8360, 38.1480, -8.5400



Tritanopia

137.8630, 34.6590, 16.1550

Trichromacy



Original Color

134.6030, 46.3540, -3.0700

Protanomaly

134.2590, 32.4630, -10.1370

Deuteranomaly

133.8580, 41.0820, -6.6460

Tritanomaly

136.6860, 39.2910, 9.2990

Monochromacy



Original Color

134.6030, 46.3540, -3.0700

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

134.7430, 16.7810, -1.2590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.6030, 46.3540, -3.0700 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(177, 124, 78)` looks like.

```
.text, #text, p{  
    color:rgb(177, 124, 78)  
}
```

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(177, 124, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 124, 78) }
```

Border

The CSS property to change the border of an element to YIQ 134.6030, 46.3540, -3.0700 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(177, 124, 78) }
```


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

```
.border{ border-color:rgb(177, 124, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 124, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 124, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 124, 78);  
box-shadow:4px 4px 4px 4px rgb(177, 124,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 134.6030, 46.3540, -3.0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 124, 78) }
```

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

```
.background{ background-color: rgb(177,  
124, 78) }
```

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