

Converting Colors

YIQ(135.1140, 68.4590,
-34.7490)

Have a look what the booklet for
YIQ(135.1140, 68.4590, -34.7490)
contains.

| | |
|--|----|
| YIQ(135.1140, 68.4590, -34.7490) | 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(135.1140, 68.4590,
-34.7490)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B38B00 |
| RGB | 179, 139, 0 |
| RGB Percent | 70%, 55%, 0% |
| CMY | 0.2980, 0.4549, 0.9996 |
| CMYK | 0.00, 0.22, 1.00, 0.30 |
| HSL | 47°, 100%, 35% |
| HSV | 47°, 100%, 70% |
| XYZ | 27.8216, 28.0444, 3.9495 |
| YIQ | 135.1140, 68.4590, -34.7490 |

Conversions

Conversions Part 2

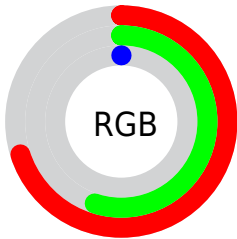
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 52, 179, 0 |
| Decimal | 11766528 |
| CIE _{Lab} | 59.93, 4.70, 64.71 |
| CIE _{LCh} | 60, 64.877, 85.841 |
| Yxy | 28.0444, 0.4651, 0.4688 |
| Android (android.graphics.Color) | 4289956608 (0xFFB38B00) |
| YUV | 135.1140, -66.6112, 38.4880 |
| Hunter-Lab | 52.9570, 1.1023, 32.6480 |

Details

The YIQ color **135.1140, 68.4590, -34.7490** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **43.8860, -68.4590, 34.7490**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **192.2590, 66.8530, -27.6670**, and **88.4220, 47.6410, -20.8950** is the 20% darker color. If you saturate the color by 10%, you get **135.1140, 68.4590, -34.7490**, and if you desaturate by 10%, it is **139.5140, 61.5810, -31.2430**.

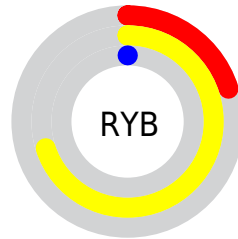
Distribution



Red (70%)

Green (55%)

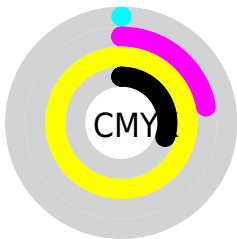
Blue (0%)



Red (20%)

Yellow (70%)

Blue (0%)

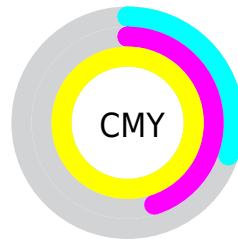


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.1140, 68.4590, -34.7490 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 135.1140, 68.4590, -34.7490 by changing the saturation by 10% instead.

■ 135.1140, 68.4590,
-34.7490

■ 135.1140, 68.4590,
-34.7490

■ 255.0000, -0.0000,
-0.0000

■ 111.7680, 58.0500,
-27.8220

■ 192.2590, 66.8530,
-27.6670

■ 88.4220, 47.6410,
-20.8950

■ 216.5570, 60.0220,
-30.5220

■ 66.5490, 37.2780,
-14.8020

■ 236.0710, 43.6550,
-36.7690

■ 46.1490, 26.9610,
-9.5430

■ 243.3720, 32.7420,
-31.7220

■ 26.3470, 17.8360,
-3.8600

■ 246.5640, 23.7540,
-23.0140

■ 3.2890, 6.5560,
2.3320

■ 249.7560, 14.7660,

■ 0.0000, 0.0000,

-14.3060

0.0000

■ 253.1760, 5.1360,
-4.9760

■ 135.1140, 68.4590,
-34.7490

■ 139.5140, 61.5810,
-31.2430

■ 143.9140, 54.7030,
-27.7370

■ 148.3140, 47.8250,
-24.2310

■ 152.7140, 40.9470,
-20.7250

■ 157.1140, 34.0690,
-17.2190

■ 161.5140, 27.1910,
-13.7130

■ 165.8000, 20.6340,
-10.5180

■ 170.2000, 13.7560,
-7.0120

■ 174.6000, 6.8780,
-3.5060

Harmonies

Analogous

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



139.6430, 84.4080, 1.1120



135.1140, 68.4590, -34.7490



131.3840, 23.3000, -47.8360

Triad

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



135.1140, 68.4590, -34.7490



122.3790, -108.9780, -29.4100



147.3430, 25.9410, 53.0210

Complementary

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



135.1140, 68.4590, -34.7490



43.8860, -68.4590, 34.7490

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.



144.6150, -39.8950, 34.7050



135.1140, 68.4590, -34.7490



124.5740, -122.0480, -12.8000

Square

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



135.1140, 68.4590, -34.7490



115.0660, -89.7640, -47.2360



119.4680, -124.2050, -1.2370



140.7980, 69.9560, 53.7960

Rectangle

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



135.1140, 68.4590, -34.7490



125.0170, -18.1470, -51.0990



119.4680, -124.2050, -1.2370



148.4700, 6.4100, 49.0500

Sweetspot

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



135.1140, 68.4590, -34.7490



214.6280, 26.8700, -13.4020



58.3090, 93.2020, 51.0100



106.9290, 15.9570, -8.3550



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.



135.1140, 68.4590, -34.7490



175.0280, 88.7720, -44.9560



144.2420, 28.8510, -65.8450



86.8000, 3.4390, -1.7530



115.6000, 58.4630, -29.8010



19.5140, 9.9960, -4.9480

Inverse Universe

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



43.8860, -68.4590, 34.7490



56.9720, -88.7720, 44.9560



34.7580, -28.8510, 65.8450



82.2000, -3.4390, 1.7530



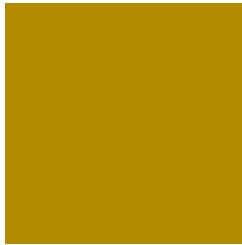
37.4000, -58.4630, 29.8010



6.4860, -9.9960, 4.9480

Previews

White Background



This preview shows how the YIQ color 135.1140, 68.4590, -34.7490 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 135.1140, 68.4590, -34.7490 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 135.1140, 68.4590, -34.7490

Background



This preview shows how black text looks on a background with the YIQ color 135.1140, 68.4590, -34.7490.



This preview shows how white text looks on a background with the YIQ color 135.1140, 68.4590,

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

135.1140, 68.4590, -34.7490

Protanopia

134.8780, 54.3840, -38.4800

Deuteranopia

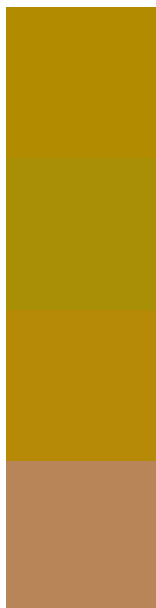
136.1620, 68.5040, -30.0560



Tritanopia

147.1830, 30.7620, 15.1940

Trichromacy



Original Color

135.1140, 68.4590, -34.7490

Protanomaly

135.1560, 59.4730, -37.0950

Deuteranomaly

136.1080, 68.5960, -31.7240

Tritanomaly

142.8200, 44.2450, -3.3950

Monochromacy



Original Color

135.1140, 68.4590, -34.7490

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

134.7850, 24.9900, -12.3700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.1140, 68.4590, -34.7490 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(179, 139, 0)` looks like.

```
.text, #text, p{  
    color:rgb(179, 139, 0)  
}
```

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(179, 139, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 139, 0) }
```

Border

The CSS property to change the border of an element to YIQ 135.1140, 68.4590, -34.7490 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(179, 139, 0) }
```


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

```
.border{ border-color:rgb(179, 139, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 139, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 139, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 139, 0);  
box-shadow:4px 4px 4px 4px rgb(179, 139,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 135.1140, 68.4590, -34.7490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 139, 0) }
```

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

```
.background{ background-color: rgb(179,  
139, 0) }
```

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