

Converting Colors

YIQ(135.4290, 46.9040, -2.0240)

Have a look what the booklet for
YIQ(135.4290, 46.9040, -2.0240)
contains.

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Color

**YIQ(135.4290, 46.9040,
-2.0240)**

Conversions

Conversions Part 1

Format	Color
Hex	B37C50
RGB	179, 124, 80
RGB Percent	70%, 49%, 31%
CMY	0.2979, 0.5138, 0.6860
CMYK	0.00, 0.31, 0.55, 0.30
HSL	27°, 39%, 51%
HSV	27°, 55%, 70%
XYZ	27.2513, 24.5763, 10.9077
YIQ	135.4290, 46.9040, -2.0240

Conversions

Conversions Part 2

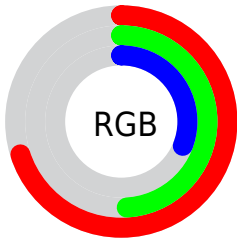
Format	Color
R_{YB}	179, 159, 80
Decimal	11762768
CIE _{Lab}	56.66, 16.51, 32.39
CIE _{LCh}	57, 36.354, 62.991
Yxy	24.5763, 0.4344, 0.3917
Android (android.graphics.Color)	4289952848 (0xFFB37C50)
YUV	135.4290, -27.3265, 38.2118
Hunter-Lab	49.5745, 11.3666, 21.6568

Details

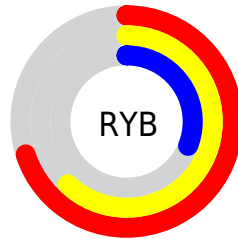
The YIQ color **135.4290, 46.9040, -2.0240** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **123.5710, -46.9040, 2.0240**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **189.5820, 50.8470, -1.8970**, and **84.6780, 41.7690, -2.5750** is the 20% darker color. If you saturate the color by 10%, you get **127.5070, 55.4320, -2.3920**, and if you desaturate by 10%, it is **143.3510, 38.3760, -1.6560**.

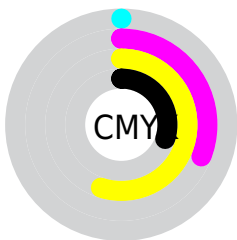
Distribution



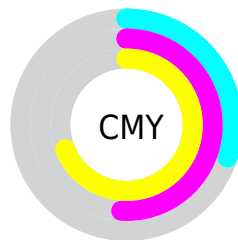
- Red (70%)
- Green (49%)
- Blue (31%)



- Red (70%)
- Yellow (62%)
- Blue (31%)



- Cyan (0%)
- Magenta (31%)
- Yellow (55%)
- Black (30%)





- Cyan (30%)
- Magenta (51%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 135.4290, 46.9040, -2.0240 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 135.4290, 46.9040, -2.0240 by changing the saturation by 10% instead.


 135.4290, 46.9040,
-2.0240


 135.4290, 46.9040,
-2.0240


255.0000, -0.0000,
-0.0000


 109.6460, 44.7950,
-2.3490


 189.5820, 50.8470,
-1.8970


 84.6780, 41.7690,
-2.5750


 213.7770, 45.8040,
-4.1160


 60.4820, 39.3850,
-3.4230


 233.4050, 29.1160,
-10.0520

 38.5400, 33.4700,
-0.8500

 249.9840, 14.1240,
-13.6840

 18.4390, 23.7490,
4.6210

 253.2900, 4.8150,
-4.6650

 1.7940, 3.5760,
1.2720

 0.0000, 0.0000,

0.0000

■ 135.4290, 46.9040,
-2.0240

■ 135.4290, 46.9040,
-2.0240

■ 127.5070, 55.4320,
-2.3920

■ 143.3510, 38.3760,
-1.6560

■ 119.5850, 63.9600,
-2.7600

■ 151.2730, 29.8480,
-1.2880

■ 111.6630, 72.4880,
-3.1280

■ 159.1950, 21.3200,
-0.9200

■ 103.7410, 81.0160,
-3.4960

■ 167.1170, 12.7920,
-0.5520

■ 99.8940, 84.9590,
-3.3690

■ 175.0390, 4.2640,
-0.1840

■ 182.8470, -3.9430,
-0.1270

■ 190.7690,
-12.4710, 0.2410

■ 198.6910,
-20.9990, 0.6090

■ 206.6130,
-29.5270, 0.9770

Harmonies

Analogous

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



136.9650, 51.8070, 13.7510



135.4290, 46.9040, -2.0240



133.2000, 30.9510, -15.7770

Triad

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



135.4290, 46.9040, -2.0240



110.0390, -75.9660, -32.9740



138.2650, -10.0910, 23.1970

Complementary

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



135.4290, 46.9040, -2.0240



123.5710, -46.9040, 2.0240

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.



131.2000, -46.9970, 9.2190



135.4290, 46.9040, -2.0240



108.4900, -96.0490, -26.9370

Square

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



135.4290, 46.9040, -2.0240



124.0540, -27.5960, -28.5240



108.1770, -102.0570, -17.1690



140.1240, 21.2230, 28.3830

Rectangle

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



135.4290, 46.9040, -2.0240



131.1870, 14.6300, -22.8580



108.1770, -102.0570, -17.1690



136.6980, -21.7360, 19.4800

Sweetspot

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



135.4290, 46.9040, -2.0240



214.6400, 18.5690, -0.6230



115.9850, 41.0280, 38.4040



106.7470, 10.9580, -0.3540



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.



135.4290, 46.9040, -2.0240



164.6630, 72.4880, -3.1280



163.6050, 33.7040, -27.1280



85.0390, 4.2640, -0.1840



85.6630, 72.4880, -3.1280



14.2310, 12.4710, -0.2410

Inverse Universe

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



123.5710, -46.9040, 2.0240



146.3370, -72.4880, 3.1280



95.3950, -33.7040, 27.1280



83.9610, -4.2640, 0.1840



67.3370, -72.4880, 3.1280



11.1820, -12.1960, 0.7640

Previews

White Background



This preview shows how the YIQ color 135.4290, 46.9040, -2.0240 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 135.4290, 46.9040, -2.0240 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 135.4290, 46.9040, -2.0240

Background



This preview shows how black text looks on a background with the YIQ color 135.4290, 46.9040, -2.0240.



This preview shows how white text looks on a background with the YIQ color 135.4290, 46.9040, -2.0240.

-2.0240.

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

135.4290, 46.9040, -2.0240

Protanopia

134.0730, 24.1190, -13.1050

Deuteranopia

134.9500, 37.8270, -8.2290



Tritanopia

138.4610, 35.8510, 16.5790

Trichromacy



Original Color

135.4290, 46.9040, -2.0240

Protanomaly

134.7860, 32.4170, -9.3030

Deuteranomaly

135.2710, 41.3570, -6.1230

Tritanomaly

137.3980, 40.1620, 10.0340

Monochromacy



Original Color

135.4290, 46.9040, -2.0240

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

135.1560, 17.0560, -0.7360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.4290, 46.9040, -2.0240 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, 124, 80)` looks like.

```
.text, #text, p{  
    color:rgb(179, 124, 80)  
}
```

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, 124, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 124, 80) }
```

Border

The CSS property to change the border of an element to YIQ 135.4290, 46.9040, -2.0240 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, 124, 80) }
```


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

```
.border{ border-color:rgb(179, 124, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 124, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 124, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 124, 80);  
box-shadow:4px 4px 4px 4px rgb(179, 124,  
80) }
```

Background

The CSS property to change the background color of an element to YIQ 135.4290, 46.9040, -2.0240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 124, 80) }
```

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

```
.background{ background-color: rgb(179,  
124, 80) }
```

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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