

# Converting Colors

YIQ(132.0000, 33.2490,  
-46.4230)

Have a look what the booklet for  
YIQ(132.0000, 33.2490, -46.4230)  
contains.

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# Color

**YIQ(132.0000, 33.2490,  
-46.4230)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	879910
RGB	135, 153, 16
RGB Percent	53%, 60%, 6%
CMY	0.4707, 0.4000, 0.9370
CMYK	0.12, 0.00, 0.89, 0.40
HSL	68°, 81%, 33%
HSV	68°, 89%, 60%
XYZ	21.4728, 27.9706, 4.7597
YIQ	132.0000, 33.2490, -46.4230

# Conversions

## Conversions Part 2

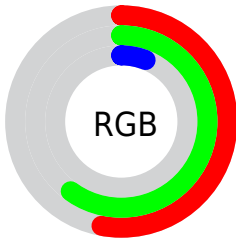
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 153, 34
Decimal	8886544
CIELab	59.86, -22.47, 60.34
CIElCh	60, 64.391, 110.423
Yxy	27.9706, 0.3962, 0.5160
Android (android.graphics.Color)	4287076624 (0xFF879910)
YUV	132.0000, -57.1880, 2.6310
Hunter-Lab	52.8872, -20.0797, 31.6851

# Details

The YIQ color **132.0000, 33.2490, -46.4230** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **37.0000, -33.2490, 46.4230**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.8090, 32.4690, -43.2990**, and **84.0930, 20.2260, -36.1740** is the 20% darker color. If you saturate the color by 10%, you get **129.6920, 36.8720, -51.5120**, and if you desaturate by 10%, it is **134.3080, 29.6260, -41.3340**.

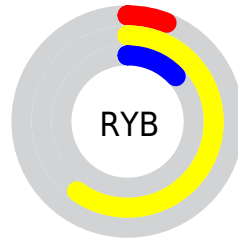
# Distribution



Red (53%)

Green (60%)

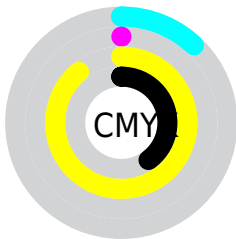
Blue (6%)



Red (6%)

Yellow (60%)

Blue (13%)

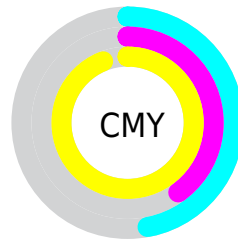


Cyan (12%)

Magenta (0%)

Yellow (89%)

Black (40%)



Cyan (47%)

Magenta (40%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 132.0000, 33.2490, -46.4230 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 132.0000, 33.2490, -46.4230 by changing the saturation by 10% instead.



132.0000, 33.2490,  
-46.4230

132.0000, 33.2490,  
-46.4230

255.0000, -0.0000,  
-0.0000

106.8410, 29.4430,  
-43.5250

187.5100, 31.8730,  
-43.5110

84.0930, 20.2260,  
-36.1740

215.9940, 33.3860,  
-43.3980

61.9320, 10.7340,  
-29.3460

239.4830, 36.5030,  
-39.3130

40.6570, 1.5630,  
-22.8290

244.1700, 30.4950,  
-29.5450

19.9580, -9.3500,  
-17.7820

247.3620, 21.5070,  
-20.8370

0.0000, 0.0000,  
0.0000

250.6680, 12.1980,

-11.8180

253.9740, 2.8890,  
-2.7990

132.0000, 33.2490,  
-46.4230

132.0000, 33.2490,  
-46.4230

129.6920, 36.8720,  
-51.5120

134.3080, 29.6260,  
-41.3340

129.5780, 37.1930,  
-51.8230

136.7300, 25.6820,  
-35.9340

139.0380, 22.0590,  
-30.8450

141.3460, 18.4360,  
-25.7560

143.7680, 14.4920,  
-20.3560

■ 146.0760, 10.8690,  
-15.2670

■ 148.3840, 7.2460,  
-10.1780

■ 150.6920, 3.6230,  
-5.0890

■ 153.1140, -0.3210,  
0.3110

# Harmonies

## Analogous

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



136.2980, 71.1170, -27.8510



132.0000, 33.2490, -46.4230



122.1450, -30.2510, -52.0030

# Triad

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



132.0000, 33.2490, -46.4230



124.3630, -120.0760, -15.5000



142.5030, 63.5370, 54.4890

# Complementary

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



132.0000, 33.2490, -46.4230



37.0000, -33.2490, 46.4230

# Split Complementary

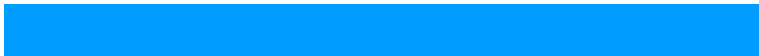
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



147.9010, 15.4420, 50.5620



132.0000, 33.2490, -46.4230



120.6420, -124.7550, -2.2830

# Square

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



132.0000, 33.2490, -46.4230



121.1250, -105.4470, -32.8310



141.0260, -54.4740, 29.0940



138.9840, 86.3270, 37.9350



# Rectangle

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



132.0000, 33.2490, -46.4230



110.4720, -79.5840, -55.5200



141.0260, -54.4740, 29.0940



144.6140, 50.1030, 55.6630

# Sweetspot

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



132.0000, 33.2490, -46.4230



190.7510, 13.1620, -18.2780



66.3550, 77.2520, 20.6760



94.2700, 7.5670, -10.4890



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000



# Same Dimension

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



132.0000, 33.2490, -46.4230



168.5400, 48.3830, -67.4010



112.2660, -6.0870, -60.4150



75.4900, 1.3760, -2.9120



118.6580, 34.2120, -47.3560



10.9200, 2.9810, -4.4670



# Inverse Universe

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



37.0000, -33.2490, 46.4230



30.4600, -48.3830, 67.4010



57.0330, 6.6830, 60.6270



70.2110, -1.9720, 2.7000



21.3420, -34.2120, 47.3560



2.0800, -2.9810, 4.4670



# Previews

## White Background



This preview shows how the YIQ color 132.0000, 33.2490, -46.4230 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 132.0000, 33.2490, -46.4230 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 132.0000, 33.2490, -46.4230

## Background



This preview shows how black text looks on a background with the YIQ color 132.0000, 33.2490, -46.4230.



This preview shows how white text looks on a background with the YIQ color 132.0000, 33.2490,

-46.4230.

# 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

132.0000, 33.2490, -46.4230

### Protanopia

134.3340, 53.1000, -37.2360

### Deuteranopia

137.9580, 60.5710, -23.9490



## Tritanopia

144.5640, -1.4680, 4.5800

# Trichromacy



## Original Color

132.0000, 33.2490, -46.4230

## Protanomaly

133.2190, 45.9940, -40.6140

## Deuteranomaly

135.8270, 50.3940, -32.2460

## Tritanomaly

140.0160, 11.0980, -13.9100

# Monochromacy



## Original Color

132.0000, 33.2490, -46.4230

## Achromatopsia

132.0000, -0.0000, -0.0000

## Achromatomaly

132.2070, 11.8780, -17.0340

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 132.0000, 33.2490, -46.4230 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(135, 153, 16)` looks like.

```
.text, #text, p{  
    color:rgb(135, 153, 16)  
}
```

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(135, 153, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 153, 16) }
```

## Border

The CSS property to change the border of an element to YIQ 132.0000, 33.2490, -46.4230 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(135, 153, 16) }
```



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

```
.border{ border-color:rgb(135, 153, 16) }
```

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

Here you see how a box with a 4 pixel rgb(135, 153, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 153, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 153, 16);  
box-shadow:4px 4px 4px 4px rgb(135, 153,  
16) }
```

# Background

The CSS property to change the background color of an element to YIQ 132.0000, 33.2490, -46.4230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 153, 16) }
```

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

```
.background{ background-color: rgb(135,  
153, 16) }
```

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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