

# Converting Colors

YIQ(139.6330, 45.6690,  
-18.1950)

Have a look what the booklet for  
YIQ(139.6330, 45.6690, -18.1950)  
contains.

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# Color

**YIQ(139.6330, 45.6690,  
-18.1950)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AC8B3A
RGB	172, 139, 58
RGB Percent	67%, 55%, 23%
CMY	0.3255, 0.4549, 0.7723
CMYK	0.00, 0.19, 0.66, 0.33
HSL	43°, 50%, 45%
HSV	43°, 66%, 67%
XYZ	27.0107, 27.5387, 7.9032
YIQ	139.6330, 45.6690, -18.1950

# Conversions

## Conversions Part 2

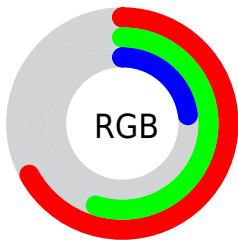
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 172, 58
Decimal	11307834
CIELab	59.47, 3.43, 46.69
CIELCh	59, 46.818, 85.802
Yxy	27.5387, 0.4325, 0.4410
Android (android.graphics.Color)	4289497914 (0xFFAC8B3A)
YUV	139.6330, -40.2451, 28.3859
Hunter-Lab	52.4774, 0.0406, 27.8050

# Details

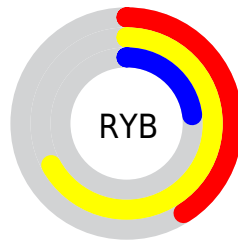
The YIQ color **139.6330, 45.6690, -18.1950** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **90.3670, -45.6690, 18.1950**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.9000, 49.2910, -17.7570**, and **87.1550, 44.0190, -21.3330** is the 20% darker color. If you saturate the color by 10%, you get **134.7600, 52.5010, -20.8670**, and if you desaturate by 10%, it is **144.5060, 38.8370, -15.5230**.

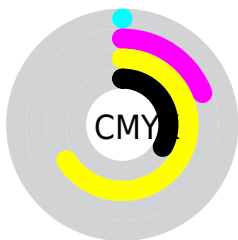
# Distribution



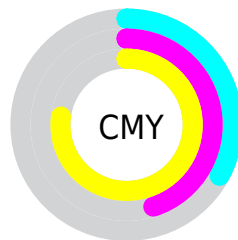
- Red (67%)
- Green (55%)
- Blue (23%)



- Red (41%)
- Yellow (67%)
- Blue (23%)



- Cyan (0%)
- Magenta (19%)
- Yellow (66%)
- Black (33%)



- Cyan (33%)
- Magenta (45%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 139.6330, 45.6690, -18.1950 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 139.6330, 45.6690, -18.1950 by changing the saturation by 10% instead.



■ 139.6330, 45.6690,  
-18.1950

■ 139.6330, 45.6690,  
-18.1950

■ 255.0000, -0.0000,  
-0.0000

■ 113.7360, 43.8810,  
-18.8310

■ 193.9000, 49.2910,  
-17.7570

■ 87.1550, 44.0190,  
-21.3330

■ 220.7750, 48.1450,  
-19.0150

■ 65.6520, 35.4900,  
-15.4380

■ 240.2890, 31.7780,  
-25.2620

■ 44.6650, 25.4480,  
-9.6560

■ 247.5900, 20.8650,  
-20.2150

■ 25.4500, 16.0480,  
-4.4960

■ 250.7820, 11.8770,  
-11.5070

■ 0.8970, 1.7880,  
0.6360

■ 254.0880, 2.5680,

■ 0.0000, 0.0000,

-2.4880

0.0000

■ 139.6330, 45.6690,  
-18.1950

■ 139.6330, 45.6690,  
-18.1950

■ 134.7600, 52.5010,  
-20.8670

■ 144.5060, 38.8370,  
-15.5230

■ 129.8870, 59.3330,  
-23.5390

■ 149.3790, 32.0050,  
-12.8510

■ 124.9000, 66.4860,  
-26.5220

■ 154.3660, 24.8520,  
-9.8680

■ 123.0420, 68.9620,  
-27.3420

■ 159.2390, 18.0200,  
-7.1960

■ 164.1120, 11.1880,  
-4.5240

■ 168.9850, 4.3560,  
-1.8520

■ 173.8580, -2.4760,  
0.8200

■ 178.8450, -9.6290,  
3.8030

■ 183.7180,  
-16.4610, 6.4750

# Harmonies

## Analogous

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



142.1490, 62.4920, 1.8200



139.6330, 45.6690, -18.1950



135.6290, 15.9610, -30.4630

# Triad

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



139.6330, 45.6690, -18.1950



115.9730, -101.9630, -29.8910



147.1380, 18.6080, 37.2320

# Complementary

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



139.6330, 45.6690, -18.1950



90.3670, -45.6690, 18.1950

# 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.



144.6470, -25.7260, 25.7140



139.6330, 45.6690, -18.1950



117.2730, -111.1350, -17.8470

# Square

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



139.6330, 45.6690, -18.1950



111.1850, -88.4810, -42.9530



125.6710, -88.1680, 0.9520



145.1940, 50.5650, 36.2690



# Rectangle

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



139.6330, 45.6690, -18.1950



131.3360, -11.1350, -34.9990



125.6710, -88.1680, 0.9520



147.7280, 5.0830, 34.5470

# Sweetspot

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



139.6330, 45.6690, -18.1950



211.3530, 17.6990, -6.8850



95.9620, 57.0300, 34.7420



104.2260, 10.8670, -4.2130



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.



139.6330, 45.6690, -18.1950



173.8850, 70.8420, -28.3740



152.1270, 22.8860, -40.3300



84.2130, 3.7140, -1.2300



107.6590, 59.9750, -24.1610



16.2690, 9.3080, -3.4920



# Inverse Universe

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



90.3670, -45.6690, 18.1950



97.1150, -70.8420, 28.3740



77.8730, -22.8860, 40.3300



80.7870, -3.7140, 1.2300



42.9280, -60.2500, 23.6380

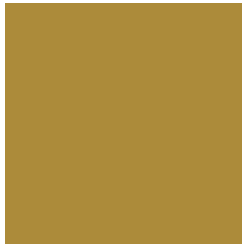


6.7310, -9.3080, 3.4920



# Previews

## White Background



This preview shows how the YIQ color 139.6330, 45.6690, -18.1950 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 139.6330, 45.6690, -18.1950 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 139.6330, 45.6690, -18.1950

## Background



This preview shows how black text looks on a background with the YIQ color 139.6330, 45.6690, -18.1950.



This preview shows how white text looks on a background with the YIQ color 139.6330, 45.6690, -18.1950.



# 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

139.6330, 45.6690, -18.1950

### Protanopia

139.0940, 36.8210, -23.0430

### Deuteranopia

139.7800, 49.7490, -15.0430



## Tritanopia

145.4920, 25.3980, 13.2860

# Trichromacy



## Original Color

139.6330, 45.6690, -18.1950

## Protanomaly

139.1160, 39.7550, -21.1490

## Deuteranomaly

139.7690, 48.2820, -15.9900

## Tritanomaly

143.2350, 33.0110, 1.9630

# Monochromacy



## Original Color

139.6330, 45.6690, -18.1950

## Achromatopsia

140.0000, 0.0000, 0.0000

## Achromatomaly

140.1680, 16.7820, -6.7860

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 139.6330, 45.6690, -18.1950 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(172, 139, 58)` looks like.

```
.text, #text, p{  
    color:rgb(172, 139, 58)  
}
```

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(172, 139, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 139, 58) }
```

## Border

The CSS property to change the border of an element to YIQ 139.6330, 45.6690, -18.1950 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(172, 139, 58) }
```



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

```
.border{ border-color:rgb(172, 139, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 139, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 139, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 139, 58);  
box-shadow:4px 4px 4px 4px rgb(172, 139,  
58) }
```

# Background

The CSS property to change the background color of an element to YIQ 139.6330, 45.6690, -18.1950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 139, 58) }
```

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

```
.background{ background-color: rgb(172,  
139, 58) }
```

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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