

Converting Colors

YUV(134.3670, -43.5649,
19.8491)

Have a look what the booklet for
YUV(134.3670, -43.5649, 19.8491)
contains.

YUV(134.3670, -43.5649, 19.8491)	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

**YUV(134.3670, -43.5649,
19.8491)**

Conversions

Conversions Part 1

Format	Color
Hex	9D8C2E
RGB	157, 140, 46
RGB Percent	62%, 55%, 18%
CMY	0.3843, 0.4510, 0.8196
CMYK	0.00, 0.11, 0.71, 0.38
HSL	51°, 55%, 40%
HSV	51°, 71%, 62%
XYZ	23.7759, 26.1215, 6.3736
YIQ	134.3670, 40.3060, -25.6300

Conversions

Conversions Part 2

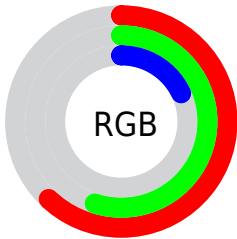
Format	Color
R_{YB}	66, 157, 46
Decimal	10325038
CIE Lab	58.15, -4.58, 50.19
CIE LCh	58, 50.402, 95.213
Yxy	26.1215, 0.4225, 0.4642
Android (android.graphics.Color)	4288515118 (0xFF9D8C2E)
YUV	134.3670, -43.5649, 19.8491
Hunter-Lab	51.1092, -6.4035, 28.3827

Details

The YUV color **134.3670, -43.5649, 19.8491** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **68.6330, 43.5649, -19.8491**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.4490, -44.5914, 22.4082**, and **83.3280, -41.0807, 16.3753** is the 20% darker color. If you saturate the color by 10%, you get **131.3690, -49.9749, 22.4784**, and if you desaturate by 10%, it is **137.3650, -37.1549, 17.2199**.

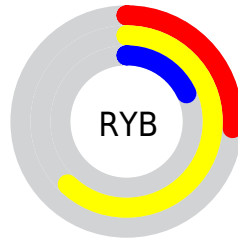
Distribution



Red (62%)

Green (55%)

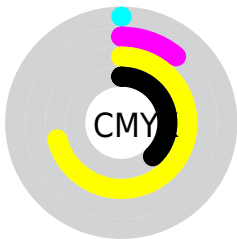
Blue (18%)



Red (26%)

Yellow (62%)

Blue (18%)

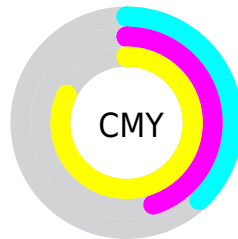


Cyan (0%)

Magenta (11%)

Yellow (71%)

Black (38%)



Cyan (38%)

Magenta (45%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.3670, -43.5649, 19.8491 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 YUV color 134.3670, -43.5649, 19.8491 by changing the saturation by 10% instead.

■ 134.3670,
-43.5649, 19.8491

■ 134.3670,
-43.5649, 19.8491

■ 255.0000, 0.0000,
0.0000

■ 108.0140,
-44.8699, 18.4047

■ 188.4490,
-44.5914, 22.4082

■ 83.3280, -41.0807,
16.3753

■ 216.8190,
-45.7598, 23.8377

■ 62.0530, -30.5921,
12.2315

■ 240.2090,
-43.9800, 12.9717

■ 41.3650, -20.3929,
7.5729

■ 246.2220,
-33.6334, 7.6983

■ 22.4490, -11.0674,
3.1142

■ 249.4140,
-21.4031, 4.8989

■ 0.0000, 0.0000,
0.0000

■ 252.7200, -8.7360,

1.9996

■ 134.3670,
-43.5649, 19.8491

■ 134.3670,
-43.5649, 19.8491

■ 131.3690,
-49.9749, 22.4784

■ 137.3650,
-37.1549, 17.2199

■ 127.8980,
-55.6587, 25.5225

■ 140.8360,
-31.4711, 14.1758

■ 125.0140,
-61.6319, 28.0517

■ 143.8340,
-25.0612, 11.5466

■ 147.4190,
-18.9406, 8.4025

■ 150.4170,
-12.5306, 5.7733

■ 153.3010, -6.5574,
3.2440

■ 156.8860, -0.4368,
0.1000

■ 159.8840, 5.9732,
-2.5293

■ 163.3550, 11.6570,
-5.5733

Harmonies

Analogous

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



137.2210, -38.5630, 48.9182



134.3670, -43.5649, 19.8491



129.7090, -32.3945, -16.4078

Triad

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



134.3670, -43.5649, 19.8491



115.4660, 36.2523, -101.2637



143.4880, 17.0144, 49.5610

Complementary

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



134.3670, -43.5649, 19.8491



68.6330, 43.5649, -19.8491

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.



142.9910, 34.0214, 7.9009



134.3670, -43.5649, 19.8491



115.3640, 51.0925, -101.1742

Square

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



134.3670, -43.5649, 19.8491



111.7380, 16.8912, -97.9942



129.0800, 48.7676, -55.3212



139.7560, -2.8377, 70.3740

Rectangle

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



134.3670, -43.5649, 19.8491



123.3060, -17.8989, -45.8724



129.0800, 48.7676, -55.3212



144.0180, 23.1621, 37.6952

Sweetspot

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



134.3670, -43.5649, 19.8491



194.9890, -16.7566, 7.9026



81.3550, -8.0630, 66.3407



96.8020, -9.7624, 4.5586



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



134.3670, -43.5649, 19.8491



168.4290, -67.7525, 31.1958



133.2830, -43.0305, -11.6492



77.5010, -3.2050, 1.3146



113.7840, -56.0955, 25.6224



12.1160, -5.9732, 2.5293

Inverse Universe

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



68.6330, 43.5649, -19.8491



65.9840, 68.0419, -30.6810



69.7170, 43.0305, 11.6492



72.4990, 3.2050, -1.3146



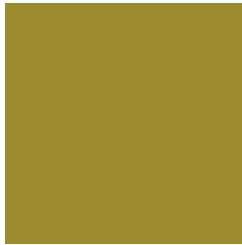
29.2160, 56.0955, -25.6224



2.8840, 5.9732, -2.5293

Previews

White Background



This preview shows how the YUV color 134.3670, -43.5649, 19.8491 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 YUV color 134.3670, -43.5649, 19.8491 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](#).

YUV 134.3670, -43.5649, 19.8491 Background



This preview shows how black text looks on a background with the YUV color 134.3670, -43.5649, 19.8491.



This preview shows how white text looks on a background with the YUV color 134.3670, -43.5649, 19.8491.

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

134.3670, -43.5649, 19.8491

Protanopia

134.3670, -43.5649, 19.8491

Deuteranopia

135.9820, -42.8821, 34.2188



Tritanopia

142.3060, -0.6439, 19.9026

Trichromacy



Original Color

134.3670, -43.5649, 19.8491

Protanomaly

134.3670, -43.5649, 19.8491

Deuteranomaly

135.5360, -43.1552, 28.4709

Tritanomaly

139.1800, -16.3577, 20.0131

Monochromacy



Original Color

134.3670, -43.5649, 19.8491

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.9180, -15.7356, 7.0879

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.3670, -43.5649, 19.8491 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(157, 140, 46)` looks like.

```
.text, #text, p{  
    color:rgb(157, 140, 46)  
}
```

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(157, 140, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 140, 46) }
```

Border

The CSS property to change the border of an element to YUV 134.3670, -43.5649, 19.8491 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(157, 140, 46) }
```


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

```
.border{ border-color:rgb(157, 140, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 140, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 140, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 140, 46);  
box-shadow:4px 4px 4px 4px rgb(157, 140,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 134.3670, -43.5649, 19.8491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 140, 46) }
```

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

```
.background{ background-color: rgb(157,  
140, 46) }
```

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