

# Converting Colors

YUV(114.0310, -43.8923,  
31.5448)

Have a look what the booklet for  
YUV(114.0310, -43.8923, 31.5448)  
contains.

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# Color

**YUV(114.0310, -43.8923,  
31.5448)**

# Conversions

## Conversions Part 1

Format	Color
Hex	967119
RGB	150, 113, 25
RGB Percent	59%, 44%, 10%
CMY	0.4118, 0.5569, 0.9020
CMYK	0.00, 0.25, 0.83, 0.41
HSL	42°, 71%, 34%
HSV	42°, 83%, 59%
XYZ	18.6583, 18.3645, 3.4810
YIQ	114.0310, 50.3000, -19.5240

# Conversions

## Conversions Part 2

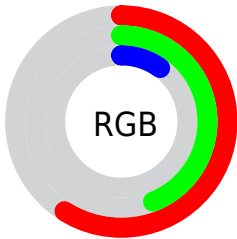
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 150, 25
Decimal	9859353
CIE <sub>Lab</sub>	49.94, 6.39, 50.21
CIE <sub>LCh</sub>	50, 50.610, 82.750
Yxy	18.3645, 0.4607, 0.4534
Android (android.graphics.Color)	4288049433 (0xFF967119)
YUV	114.0310, -43.8923, 31.5448
Hunter-Lab	42.8538, 2.7237, 25.1815

# Details

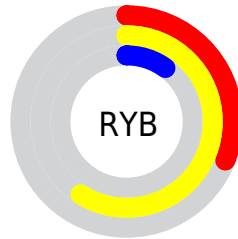
The YUV color **114.0310, -43.8923, 31.5448** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **60.9690, 43.8923, -31.5448**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.8250, -44.7767, 35.2335**, and **66.5600, -32.8141, 24.9419** is the 20% darker color. If you saturate the color by 10%, you get **109.9730, -49.2867, 35.1037**, and if you desaturate by 10%, it is **118.0890, -38.4979, 27.9859**.

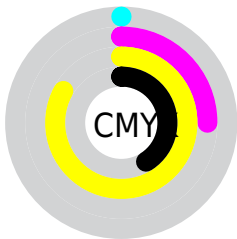
# Distribution



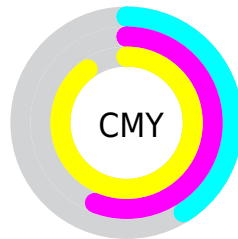
- Red (59%)
- Green (44%)
- Blue (10%)



- Red (31%)
- Yellow (59%)
- Blue (10%)



- Cyan (0%)
- Magenta (25%)
- Yellow (83%)
- Black (41%)



- Cyan (41%)
- Magenta (56%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 114.0310, -43.8923, 31.5448 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 114.0310, -43.8923, 31.5448 by changing the saturation by 10% instead.



■ 114.0310,  
-43.8923, 31.5448

■ 114.0310,  
-43.8923, 31.5448

255.0000, 0.0000,  
0.0000

■ 88.7210, -43.7395,  
29.1857

■ 167.8250,  
-44.7767, 35.2335

■ 66.5600, -32.8141,  
24.9419

■ 195.6080,  
-45.6557, 37.1778

■ 46.1600, -22.7569,  
19.1537

■ 219.5040,  
-44.6185, 31.1300

■ 26.0590, -12.8471,  
13.9803

■ 239.6050,  
-41.2173, 13.5014

■ 4.4850, -2.2111,  
9.2217

■ 246.9060,  
-31.0127, 7.0984

■ 0.0000, 0.0000,  
0.0000

■ 250.0980,

-18.7823, 4.2991

253.4040, -6.1152,  
1.3997

114.0310,  
-43.8923, 31.5448

114.0310,  
-43.8923, 31.5448

109.9730,  
-49.2867, 35.1037

118.0890,  
-38.4979, 27.9859

107.0720,  
-52.7865, 37.6479

122.7340,  
-33.3929, 23.9123

126.7920,  
-27.9985, 20.3534

131.4370,  
-22.8934, 16.2798

135.4950,  
-17.4990, 12.7209

■ 140.1400,  
-12.3940, 8.6472

■ 144.1980, -6.9996,  
5.0884

■ 148.8430, -1.8946,  
1.0147

■ 152.9010, 3.4998,  
-2.5442

# Harmonies

## Analogous

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



116.2850, -32.1855, 56.7551



114.0310, -43.8923, 31.5448



110.0870, -38.9899, -0.9533

# Triad

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



114.0310, -43.8923, 31.5448



98.8070, 25.7311, -86.6537



122.2240, 24.0466, 34.0066

# Complementary

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



114.0310, -43.8923, 31.5448



60.9690, 43.8923, -31.5448

# 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.



118.2160, 39.3335, -15.9754



114.0310, -43.8923, 31.5448



101.1500, 42.3241, -88.7085

# Square

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



114.0310, -43.8923, 31.5448



93.7910, 6.5120, -82.2547



97.8050, 52.3541, -85.7750



118.4160, 6.2039, 63.6562



# Rectangle

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



114.0310, -43.8923, 31.5448



106.0220, -27.1258, -26.3293



97.8050, 52.3541, -85.7750



122.2160, 29.4735, 19.9816

# Sweetspot

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



114.0310, -43.8923, 31.5448



179.6090, -17.0622, 12.6209



66.7070, -1.8276, 73.0480



88.4110, -10.0626, 7.5326



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000



# Same Dimension

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



114.0310, -43.8923, 31.5448



137.8380, -67.9541, 49.2541



128.2750, -50.9146, -2.8722



72.0280, -2.4788, 1.7294



98.2010, -48.4131, 34.9037



7.0990, -3.4998, 2.5442



# Inverse Universe

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



60.9690, 43.8923, -31.5448



55.5750, 68.2435, -48.7393



46.7250, 50.9146, 2.8722



68.9720, 2.4788, -1.7294



39.7990, 48.4131, -34.9037



2.9010, 3.4998, -2.5442



# Previews

## White Background



This preview shows how the YUV color 114.0310, -43.8923, 31.5448 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 114.0310, -43.8923, 31.5448 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 114.0310, -43.8923, 31.5448

## Background



This preview shows how black text looks on a background with the YUV color 114.0310, -43.8923, 31.5448.



This preview shows how white text looks on a background with the YUV color 114.0310, -43.8923, 31.5448.



# 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

114.0310, -43.8923, 31.5448

### Protanopia

112.9970, -42.3965, 18.4196

### Deuteranopia

114.0310, -43.8923, 31.5448



## Tritanopia

120.8620, -3.8760, 29.9390

# Trichromacy



## Original Color

114.0310, -43.8923, 31.5448

## Protanomaly

113.5030, -43.1390, 23.2379

## Deuteranomaly

114.0310, -43.8923, 31.5448

## Tritanomaly

118.3770, -18.4269, 30.3644

# Monochromacy



## Original Color

114.0310, -43.8923, 31.5448

## Achromatopsia

114.0000, 0.0000, 0.0000

## Achromatomaly

114.2390, -15.8938, 11.1914

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 114.0310, -43.8923, 31.5448 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(150, 113, 25)` looks like.

```
.text, #text, p{  
    color:rgb(150, 113, 25)  
}
```

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(150, 113, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 113, 25) }
```

## Border

The CSS property to change the border of an element to YUV 114.0310, -43.8923, 31.5448 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(150, 113, 25) }
```



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

```
.border{ border-color:rgb(150, 113, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 113, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 113, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 113, 25);  
box-shadow:4px 4px 4px 4px rgb(150, 113,  
25) }
```

# Background

The CSS property to change the background color of an element to YUV 114.0310, -43.8923, 31.5448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 113, 25) }
```

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

```
.background{ background-color: rgb(150,  
113, 25) }
```

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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