

Converting Colors

YUV(133.8360, -31.4711,
14.1758)

Have a look what the booklet for
YUV(133.8360, -31.4711, 14.1758)
contains.

YUV(133.8360, -31.4711, 14.1758)	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(133.8360, -31.4711,
14.1758)**

Conversions

Conversions Part 1

Format	Color
Hex	968A46
RGB	150, 138, 70
RGB Percent	59%, 54%, 27%
CMY	0.4118, 0.4588, 0.7255
CMYK	0.00, 0.08, 0.53, 0.41
HSL	51°, 36%, 43%
HSV	51°, 53%, 59%
XYZ	22.7716, 25.1032, 9.4396
YIQ	133.8360, 28.9800, -18.6040

Conversions

Conversions Part 2

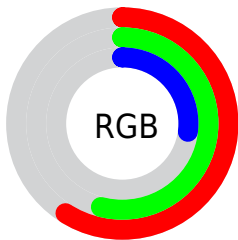
Format	Color
RYB	84, 150, 70
Decimal	9865798
CIELab	57.18, -4.87, 37.65
CIELCh	57, 37.962, 97.370
Yxy	25.1032, 0.3973, 0.4380
Android (android.graphics.Color)	4288055878 (0xFF968A46)
YUV	133.8360, -31.4711, 14.1758
Hunter-Lab	50.1031, -6.5529, 23.9018

Details

The YUV color **133.8360, -31.4711, 14.1758** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **86.1640, 31.4711, -14.1758**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.3910, -33.2238, 16.3201**, and **83.1670, -30.1553, 12.1315** is the 20% darker color. If you saturate the color by 10%, you get **130.9520, -37.4443, 16.7051**, and if you desaturate by 10%, it is **136.7200, -25.4980, 11.6466**.

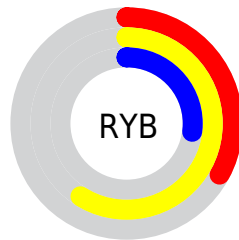
Distribution



Red (59%)

Green (54%)

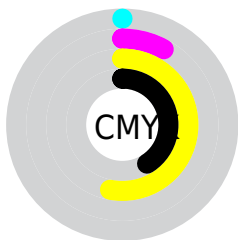
Blue (27%)



Red (33%)

Yellow (59%)

Blue (27%)

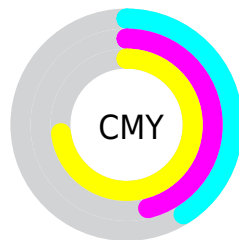


Cyan (0%)

Magenta (8%)

Yellow (53%)

Black (41%)



Cyan (41%)

Magenta (46%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.8360, -31.4711, 14.1758 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 133.8360, -31.4711, 14.1758 by changing the saturation by 10% instead.

■ 133.8360,
-31.4711, 14.1758

■ 133.8360,
-31.4711, 14.1758

■ 255.0000, 0.0000,
0.0000

■ 108.3520,
-30.7395, 12.8463

■ 187.3910,
-33.2238, 16.3201

■ 83.1670, -30.1553,
12.1315

■ 215.4620,
-34.2448, 17.1348

■ 59.6830, -29.4237,
10.8020

■ 240.9560,
-33.5023, 12.3166

■ 39.2940, -19.3719,
6.7582

■ 248.8440,
-23.5871, 5.3988

■ 20.3780, -10.0464,
2.2995

■ 252.0360,
-11.3567, 2.5994

■ 0.0000, 0.0000,
0.0000

■ 133.8360,
-31.4711, 14.1758

■ 133.8360,
-31.4711, 14.1758

■ 130.9520,
-37.4443, 16.7051

■ 136.7200,
-25.4980, 11.6466

■ 127.4810,
-43.1281, 19.7492

■ 140.1910,
-19.8142, 8.6025

■ 124.5970,
-49.1013, 22.2784

■ 143.0750,
-13.8410, 6.0732

■ 121.7130,
-55.0745, 24.8077

■ 145.9590, -7.8678,
3.5440

■ 119.3990,
-58.8637, 26.8371

■ 148.8430, -1.8946,
1.0147

■ 152.3140, 3.7892,
-2.0294

■ 155.1980, 9.7624,
-4.5586

■ 158.0820, 15.7356,

-7.0879

■ 160.9660, 21.7088,
-9.6172

Harmonies

Analogous

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



136.1470, -29.6525, 37.5821



133.8360, -31.4711, 14.1758



130.1360, -23.2380, -13.2743

Triad

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



133.8360, -31.4711, 14.1758



109.8750, 32.5996, -96.3604



140.8150, 10.9372, 38.7502

Complementary

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



133.8360, -31.4711, 14.1758



86.1640, 31.4711, -14.1758

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.



140.1840, 24.5593, 9.4856



133.8360, -31.4711, 14.1758



110.0460, 43.3613, -94.7563

Square

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



133.8360, -31.4711, 14.1758



107.5150, 18.4801, -94.2907



133.7490, 34.1407, -30.4749



139.1900, -4.5307, 53.3304

Rectangle

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



133.8360, -31.4711, 14.1758



126.0500, -12.8427, -34.2469



133.7490, 34.1407, -30.4749



141.6120, 15.4743, 30.1583

Sweetspot

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



133.8360, -31.4711, 14.1758



187.5310, -12.0938, 5.6733



95.2880, -6.5510, 47.9824



93.0730, -7.4310, 3.4440



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.



133.8360, -31.4711, 14.1758



168.7110, -48.6645, 22.1785



132.5080, -30.8164, -9.2155



72.6150, -2.7682, 1.2146



109.9410, -54.2009, 24.6077



8.2730, -4.0786, 1.5146

Inverse Universe

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



86.1640, 31.4711, -14.1758



94.7020, 48.9539, -21.6637



87.4920, 30.8164, 9.2155



68.3850, 2.7682, -1.2146



28.0590, 54.2009, -24.6077



2.3140, 3.7892, -2.0294

Previews

White Background



This preview shows how the YUV color 133.8360, -31.4711, 14.1758 looks on a white background.

Color Contrast Check

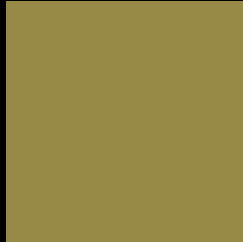
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.8360, -31.4711, 14.1758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

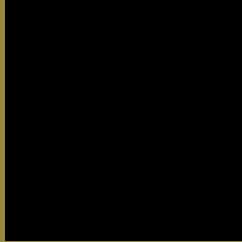
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 133.8360, -31.4711, 14.1758

Background



This preview shows how black text looks on a background with the YUV color 133.8360, -31.4711, 14.1758.



This preview shows how white text looks on a background with the YUV color 133.8360, -31.4711, 14.1758.

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

133.8360, -31.4711, 14.1758

Protanopia

133.8470, -31.4766, 15.9202

Deuteranopia

135.3370, -31.2251, 28.6455



Tritanopia

139.2130, 0.3880, 15.5992

Trichromacy



Original Color

133.8360, -31.4711, 14.1758

Protanomaly

133.5480, -31.3292, 15.3054

Deuteranomaly

134.8910, -31.4983, 22.8976

Tritanomaly

137.2270, -10.9579, 14.7099

Monochromacy



Original Color

133.8360, -31.4711, 14.1758

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.7590, -11.2202, 5.4734

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.8360, -31.4711, 14.1758 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, 138, 70)` looks like.

```
.text, #text, p{  
    color:rgb(150, 138, 70)  
}
```

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, 138, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 138, 70) }
```

Border

The CSS property to change the border of an element to YUV 133.8360, -31.4711, 14.1758 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, 138, 70) }
```


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

```
.border{ border-color:rgb(150, 138, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 138, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 138, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 138, 70);  
box-shadow:4px 4px 4px 4px rgb(150, 138,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 133.8360, -31.4711, 14.1758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 138, 70) }
```

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

```
.background{ background-color: rgb(150,  
138, 70) }
```

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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