

Converting Colors

YUV(132.0580, -31.5806,
2.5801)

Have a look what the booklet for
YUV(132.0580, -31.5806, 2.5801)
contains.

YUV(132.0580, -31.5806, 2.5801)	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(132.0580, -31.5806,
2.5801)**

Conversions

Conversions Part 1

Format	Color
Hex	878F44
RGB	135, 143, 68
RGB Percent	53%, 56%, 27%
CMY	0.4706, 0.4392, 0.7333
CMYK	0.06, 0.00, 0.52, 0.44
HSL	66°, 36%, 41%
HSV	66°, 52%, 56%
XYZ	20.8575, 25.2132, 9.2362
YIQ	132.0580, 19.3070, -25.0210

Conversions

Conversions Part 2

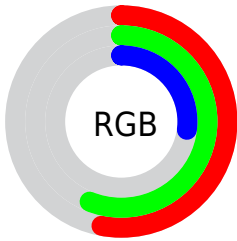
Format	Color
RYB	68, 143, 76
Decimal	8884036
CIELab	57.28, -14.29, 38.47
CIELCh	57, 41.040, 110.373
Yxy	25.2132, 0.3771, 0.4559
Android (android.graphics.Color)	4287074116 (0xFF878F44)
YUV	132.0580, -31.5806, 2.5801
Hunter-Lab	50.2127, -13.7264, 24.2431

Details

The YUV color **132.0580, -31.5806, 2.5801** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **78.9420, 31.5806, -2.5801**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.9010, -33.4752, 3.5948**, and **81.5740, -30.8490, 1.2506** is the 20% darker color. If you saturate the color by 10%, you get **129.8640, -37.4010, 2.7503**, and if you desaturate by 10%, it is **134.2520, -25.7602, 2.4100**.

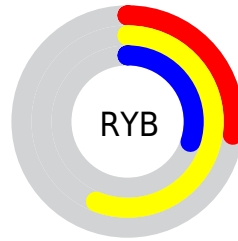
Distribution



Red (53%)

Green (56%)

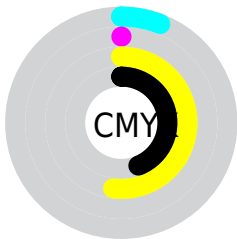
Blue (27%)



Red (27%)

Yellow (56%)

Blue (30%)

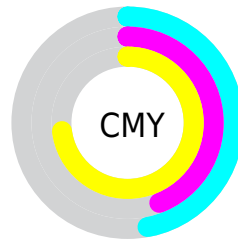


Cyan (6%)

Magenta (0%)

Yellow (52%)

Black (44%)



Cyan (47%)

Magenta (44%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.0580, -31.5806, 2.5801 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 132.0580, -31.5806, 2.5801 by changing the saturation by 10% instead.

■ 132.0580,
-31.5806, 2.5801

■ 132.0580,
-31.5806, 2.5801

■ 255.0000, 0.0000,
0.0000

■ 106.2860,
-30.7070, 2.3802

■ 185.9010,
-33.4752, 3.5948

■ 81.5740, -30.8490,
1.2506

■ 213.7870,
-33.9120, 3.6948

■ 58.1440, -28.6650,
0.7507

■ 241.9720,
-34.4962, 4.4096

■ 38.0540, -18.7606,
-2.6784

■ 248.6160,
-24.4607, 5.5988

■ 17.0450, -8.4032,
-11.4405

■ 251.9220,
-11.7935, 2.6994

■ 0.0000, 0.0000,
0.0000

■ 132.0580,
-31.5806, 2.5801

■ 132.0580,
-31.5806, 2.5801

■ 129.8640,
-37.4010, 2.7503

■ 134.2520,
-25.7602, 2.4100

■ 127.8550,
-43.8055, 3.6352

■ 136.2610,
-19.3557, 1.5251

■ 125.6610,
-49.6259, 3.8053

■ 138.4550,
-13.5353, 1.3550

■ 123.7660,
-55.5936, 4.5902

■ 140.3500, -7.5675,
0.5701

■ 122.2130,
-60.2510, 5.0752

■ 142.6580, -1.3104,
0.2999

■ 144.5530, 4.6574,
-0.4850

■ 146.7470, 10.4777,
-0.6551

■ 148.6420, 16.4455,

-1.4400

■ 150.9500, 22.7027,
-1.7101

Harmonies

Analogous

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



135.5390, -34.2827, 29.3453



132.0580, -31.5806, 2.5801



126.7040, -18.0951, -29.5584

Triad

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



132.0580, -31.5806, 2.5801



111.1120, 39.8778, -97.4452



140.3990, 5.2263, 50.5161

Complementary

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



132.0580, -31.5806, 2.5801



78.9420, 31.5806, -2.5801

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.



141.9580, 20.7267, 25.4698



132.0580, -31.5806, 2.5801



121.6840, 42.5538, -69.0059

Square

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



132.0580, -31.5806, 2.5801



109.9260, 25.1795, -96.4051



137.9190, 33.0709, -13.9610



138.3880, -11.5303, 58.4187

Rectangle

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



132.0580, -31.5806, 2.5801



120.2090, -4.0470, -55.4343



137.9190, 33.0709, -13.9610



140.7340, 10.4841, 44.0833

Sweetspot

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



132.0580, -31.5806, 2.5801



181.6830, -12.6617, 1.1550



94.5340, -13.0813, 42.5047



91.3500, -7.5675, 0.5701



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



132.0580, -31.5806, 2.5801



169.0740, -49.3365, 4.3201



120.9950, -26.1265, -20.1666



70.2020, -3.0576, 0.6998



115.4240, -56.9040, 4.8902



6.7890, -3.3470, 0.1850

Inverse Universe

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



78.9420, 31.5806, -2.5801



85.9260, 49.3365, -4.3201



90.0050, 26.1265, 20.1666



65.0970, 2.9102, -0.0851



19.5760, 56.9040, -4.8902



1.2110, 3.3470, -0.1850

Previews

White Background



This preview shows how the YUV color 132.0580, -31.5806, 2.5801 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 132.0580, -31.5806, 2.5801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

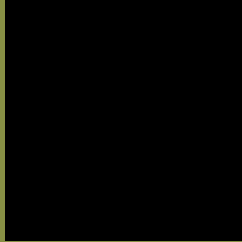
Any Text WCAG AA ✓ Pass

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 132.0580, -31.5806, 2.5801 Background



This preview shows how black text looks on a background with the YUV color 132.0580, -31.5806, 2.5801.



This preview shows how white text looks on a background with the YUV color 132.0580, -31.5806,

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

132.0580, -31.5806, 2.5801

Protanopia

133.9780, -33.5132, 15.8053

Deuteranopia

135.5220, -31.8093, 29.3602



Tritanopia

138.5320, 3.1887, 3.9184

Trichromacy



Original Color

132.0580, -31.5806, 2.5801

Protanomaly

133.4720, -32.7707, 10.9871

Deuteranomaly

134.1680, -31.6348, 20.0237

Tritanomaly

136.2040, -9.4676, 3.3291

Monochromacy



Original Color

132.0580, -31.5806, 2.5801

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.0250, -11.3513, 0.8551

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.0580, -31.5806, 2.5801 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, 143, 68)` looks like.

```
.text, #text, p{  
    color:rgb(135, 143, 68)  
}
```

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, 143, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 143, 68) }
```

Border

The CSS property to change the border of an element to YUV 132.0580, -31.5806, 2.5801 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, 143, 68) }
```


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

```
.border{ border-color:rgb(135, 143, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 143, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 143, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 143, 68);  
box-shadow:4px 4px 4px 4px rgb(135, 143,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 132.0580, -31.5806, 2.5801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 143, 68) }
```

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

```
.background{ background-color: rgb(135,  
143, 68) }
```

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