

Converting Colors

YUV(131.5870, -0.2894, -0.5148)

Have a look what the booklet for
YUV(131.5870, -0.2894, -0.5148)
contains.

YUV(131.5870, -0.2894, -0.5148)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**YUV(131.5870, -0.2894,
-0.5148)**

Conversions

Conversions Part 1

Format	Color
Hex	838483
RGB	131, 132, 131
RGB Percent	51%, 52%, 51%
CMY	0.4863, 0.4824, 0.4863
CMYK	0.01, 0.00, 0.01, 0.48
HSL	120°, 0%, 52%
HSV	120°, 1%, 52%
XYZ	21.7081, 22.9665, 24.7616
YIQ	131.5870, -0.2750, -0.5230

Conversions

Conversions Part 2

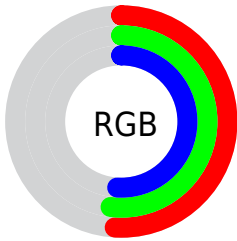
Format	Color
R_{YB}	131, 132, 132
Decimal	8619139
CIE Lab	55.04, -0.57, 0.40
CIE LCh	55, 0.694, 144.675
Yxy	22.9665, 0.3126, 0.3308
Android (android.graphics.Color)	4286809219 (0xFF838483)
YUV	131.5870, -0.2894, -0.5148
Hunter-Lab	47.9234, -3.0100, 2.9118

Details

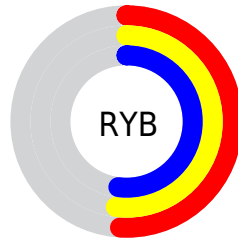
The YUV color $[131.5870, -0.2894, -0.5148]$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $[131.4130, 0.2894, 0.5148]$, and the grayscale version is $[132.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[184.5870, -0.2894, -0.5148]$, and $[82.5870, -0.2894, -0.5148]$ is the 20% darker color. If you saturate the color by 10%, you get $[126.2180, -4.0515, -7.2072]$, and if you desaturate by 10%, it is $[136.9560, 3.4727, 6.1776]$.

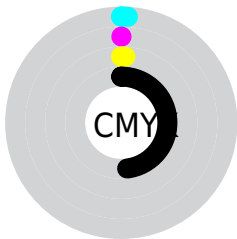
Distribution



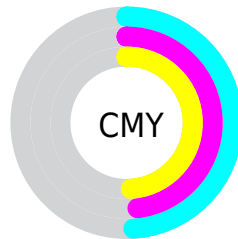
- Red (51%)
- Green (52%)
- Blue (51%)



- Red (51%)
- Yellow (52%)
- Blue (52%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (48%)



- Cyan (49%)
- Magenta (48%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.5870, -0.2894, -0.5148 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 131.5870, -0.2894, -0.5148 by changing the saturation by 10% instead.

■ 131.5870, -0.2894,
-0.5148

■ 131.5870, -0.2894,
-0.5148

255.0000, 0.0000,
0.0000

■ 106.5870, -0.2894,
-0.5148

■ 184.5870, -0.2894,
-0.5148

■ 82.5870, -0.2894,
-0.5148

■ 212.5870, -0.2894,
-0.5148

■ 59.5870, -0.2894,
-0.5148

■ 240.5870, -0.2894,
-0.5148

■ 37.5870, -0.2894,
-0.5148

■ 16.5870, -0.2894,
-0.5148

■ 0.0000, 0.0000,
0.0000

■ 131.5870, -0.2894,
-0.5148

■ 131.5870, -0.2894,
-0.5148

■ 126.2180, -4.0515,
-7.2072

■ 136.9560, 3.4727,
6.1776

■ 120.8490, -7.8136,
-13.8996

■ 142.3250, 7.2348,
12.8700

■ 115.0670,
-11.8650, -21.1068

■ 148.1070, 11.2862,
20.0772

■ 109.6980,
-15.6271, -27.7991

■ 153.4760, 15.0483,
26.7695

■ 104.3290,
-19.3892, -34.4915

■ 158.8450, 18.8104,
33.4619

■ 98.9600, -23.1513,
-41.1839

■ 164.2140, 22.5725,
40.1543

■ 93.5910, -26.9134,
-47.8763

■ 169.5830, 26.3346,
46.8467

■ 87.8090, -30.9648,

■ 175.3650, 30.3861,

-55.0835

54.0539

■ 82.4400, -34.7269,
-61.7759

■ 180.7340, 34.1481,
60.7463

Harmonies

Analogous

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



131.8860, -0.4368, 0.1000



131.5870, -0.2894, -0.5148



131.4020, 0.2948, -1.2296

Triad

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



131.5870, -0.2894, -0.5148



131.8150, 0.5842, -0.7148



131.5980, -0.2948, 1.2296

Complementary

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



131.5870, -0.2894, -0.5148



131.4130, 0.2894, 0.5148

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.



131.7120, 0.1420, 1.1296



131.5870, -0.2894, -0.5148



132.1140, 0.4368, -0.1000

Square

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



131.5870, -0.2894, -0.5148



131.8150, 0.5842, -0.7148



131.4130, 0.2894, 0.5148



131.5980, -0.2948, 1.2296

Rectangle

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



131.5870, -0.2894, -0.5148



131.4020, 0.2948, -1.2296



131.4130, 0.2894, 0.5148



131.5980, -0.2948, 1.2296

Sweetspot

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



131.5870, -0.2894, -0.5148



171.0000, 0.0000, 0.0000



131.8860, -0.4368, 0.1000



87.0000, 0.0000, 0.0000



214.0000, 0.0000, 0.0000

Same Dimension

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



131.5870, -0.2894, -0.5148



170.1740, -0.5788, -1.0296



131.7010, 0.1474, -0.6148



66.0000, 0.0000, 0.0000



76.3100, -37.6208, -66.9239



1.7610, -0.8682, -1.5444

Inverse Universe

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



131.4130, 0.2894, 0.5148



169.8260, 0.5788, 1.0296



66.0000, 0.0000, 0.0000



53.6900, 37.6208, 66.9239



1.2390, 0.8682, 1.5444

Previews

White Background



This preview shows how the YUV color 131.5870, -0.2894, -0.5148 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 131.5870, -0.2894, -0.5148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

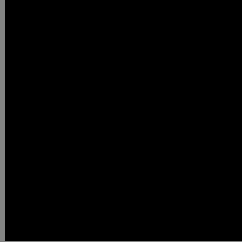
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.5870, -0.2894, -0.5148

Background



This preview shows how black text looks on a background with the YUV color 131.5870, -0.2894, -0.5148.



This preview shows how white text looks on a background with the YUV color 131.5870, -0.2894, -0.5148.

-0.5148.

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

131.5870, -0.2894, -0.5148

Protanopia

131.7830, -0.8790, 1.9443

Deuteranopia

132.6530, -0.3219, 9.9513



Tritanopia

132.1510, 4.3626, 0.7446

Trichromacy



Original Color

131.5870, -0.2894, -0.5148

Protanomaly

131.4840, -0.7316, 1.3295

Deuteranomaly

132.3320, -0.1637, 5.8478

Tritanomaly

131.9830, 2.4734, 0.0149

Monochromacy



Original Color

131.5870, -0.2894, -0.5148

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.0000, 0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.5870, -0.2894, -0.5148 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(131, 132, 131)` looks like.

```
.text, #text, p{  
    color:rgb(131, 132, 131)  
}
```

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(131, 132, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 132, 131) }
```

Border

The CSS property to change the border of an element to YUV 131.5870, -0.2894, -0.5148 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(131, 132, 131) }
```

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

```
.border{ border-color:rgb(131, 132, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 132, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 132, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 132, 131);  
box-shadow:4px 4px 4px 4px rgb(131, 132,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 131.5870, -0.2894, -0.5148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 132, 131) }
```

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

```
.background{ background-color: rgb(131,  
132, 131) }
```

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