

Converting Colors

YUV(135.4430, -8.5994, 4.8735)

Have a look what the booklet for
YUV(135.4430, -8.5994, 4.8735)
contains.

YUV(135.4430, -8.5994, 4.8735)	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(135.4430, -8.5994,
4.8735)**

Conversions

Conversions Part 1

Format	Color
Hex	8D8876
RGB	141, 136, 118
RGB Percent	55%, 53%, 46%
CMY	0.4471, 0.4667, 0.5373
CMYK	0.00, 0.04, 0.16, 0.45
HSL	47°, 9%, 51%
HSV	47°, 16%, 55%
XYZ	23.0587, 24.5790, 20.6684
YIQ	135.4430, 8.7580, -4.5380

Conversions

Conversions Part 2

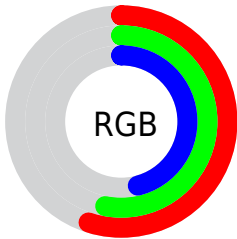
Format	Color
R_{YB}	124, 141, 118
Decimal	9275510
CIE Lab	56.66, -1.36, 10.34
CIE LCh	57, 10.428, 97.493
Yxy	24.5790, 0.3376, 0.3598
Android (android.graphics.Color)	4287465590 (0xFF8D8876)
YUV	135.4430, -8.5994, 4.8735
Hunter-Lab	49.5773, -3.7388, 9.9865

Details

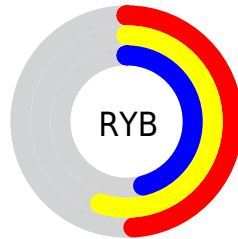
The YUV color $135.4430, -8.5994, 4.8735$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $123.5570, 8.5994, -4.8735$, and the grayscale version is $136.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $188.6280, -9.1836, 5.5882$, and $85.6710, -7.7258, 4.6735$ is the 20% darker color. If you saturate the color by 10%, you get $132.0860, -13.8464, 7.8176$, and if you desaturate by 10%, it is $138.8000, -3.3524, 1.9294$.

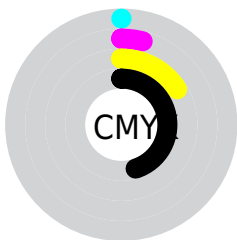
Distribution



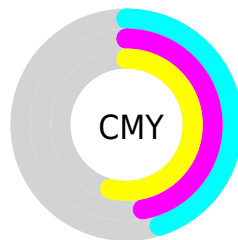
- Red (55%)
- Green (53%)
- Blue (46%)



- Red (49%)
- Yellow (55%)
- Blue (46%)



- Cyan (0%)
- Magenta (4%)
- Yellow (16%)
- Black (45%)



- Cyan (45%)
- Magenta (47%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.4430, -8.5994, 4.8735 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 135.4430, -8.5994, 4.8735 by changing the saturation by 10% instead.

■ 135.4430, -8.5994,
4.8735

■ 135.4430, -8.5994,
4.8735

255.0000, 0.0000,
0.0000

■ 110.1440, -8.4520,
4.2587

■ 188.6280, -9.1836,
5.5882

■ 85.6710, -7.7258,
4.6735

■ 216.5140, -9.6204,
5.6882

■ 62.3720, -7.5784,
4.0588

■ 244.5140, -9.6204,
5.6882

■ 40.4860, -7.1416,
3.9588

254.8860, -0.4368,
0.1000

■ 19.8020, -9.7624,
4.5586

■ 0.0000, 0.0000,
0.0000

■ 135.4430, -8.5994,
4.8735

■ 135.4430, -8.5994,
4.8735

■ 132.0860,
-13.8464, 7.8176

■ 138.8000, -3.3524,
1.9294

■ 128.7290,
-19.0934, 10.7617

■ 142.1570, 1.8946,
-1.0147

■ 125.3720,
-24.3404, 13.7058

■ 145.5140, 7.1416,
-3.9588

■ 122.0150,
-29.5874, 16.6498

■ 148.8710, 12.3886,
-6.9029

■ 118.6580,
-34.8344, 19.5939

■ 152.3420, 18.0724,
-9.9469

■ 115.1870,
-40.5182, 22.6380

■ 155.6990, 23.3194,
-12.8910

■ 111.8300,
-45.7652, 25.5821

■ 159.0560, 28.5664,
-15.8351

■ 107.8860,

■ 163.0000, 33.5240,

-50.7228, 29.0410

-19.2940

■ 106.7290,
-52.6174, 30.0557

■ 166.3570, 38.7710,
-22.2381

Harmonies

Analogous

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



136.4870, -8.6211, 11.8509



135.4430, -8.5994, 4.8735



134.5560, -6.6831, -3.1186

Triad

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



135.4430, -8.5994, 4.8735



133.3120, 6.7482, -17.8136



138.0490, 2.4408, 10.4810

Complementary

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



135.4430, -8.5994, 4.8735



123.5570, 8.5994, -4.8735

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.



137.3300, 6.2463, 3.2186



135.4430, -8.5994, 4.8735



134.5020, 8.6265, -13.5953

Square

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



135.4430, -8.5994, 4.8735



132.5850, 2.6696, -16.2990



135.9590, 8.8942, -6.1030



137.9310, -1.9380, 14.9695

Rectangle

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



135.4430, -8.5994, 4.8735



133.6200, -3.7567, -8.4367



135.9590, 8.8942, -6.1030



137.4940, 4.1935, 8.3368

Sweetspot

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



135.4430, -8.5994, 4.8735



181.6860, -3.7892, 2.0294



125.4470, -1.2064, 13.6400



90.7290, -2.3314, 1.1147



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



135.4430, -8.5994, 4.8735



175.0860, -13.8464, 7.8176



136.5840, -9.1619, -1.3892



69.6150, -2.7682, 1.2146



102.5870, -50.5754, 28.4262



5.9140, -2.9156, 1.8294

Inverse Universe

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



123.5570, 8.5994, -4.8735



155.9140, 13.8464, -7.8176



122.4160, 9.1619, 1.3892



65.9720, 2.4788, -1.7294



32.4130, 50.5754, -28.4262



2.0860, 2.9156, -1.8294

Previews

White Background



This preview shows how the YUV color 135.4430, -8.5994, 4.8735 looks on a white background.

Color Contrast Check

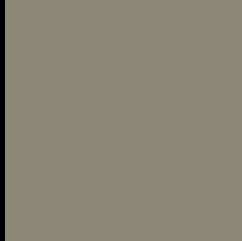
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.4430, -8.5994, 4.8735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

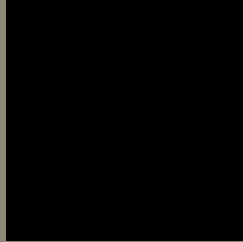
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

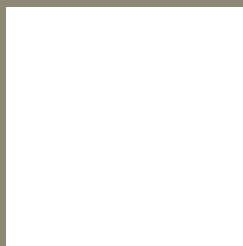
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 135.4430, -8.5994, 4.8735

Background



This preview shows how black text looks on a background with the YUV color 135.4430, -8.5994, 4.8735.



This preview shows how white text looks on a background with the YUV color 135.4430, -8.5994,

4.8735.

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

135.4430, -8.5994, 4.8735

Protanopia

135.7420, -8.7468, 5.4883

Deuteranopia

136.8080, -8.7793, 15.9544



Tritanopia

136.8420, 3.0359, 6.2776

Trichromacy



Original Color

135.4430, -8.5994, 4.8735

Protanomaly

135.7420, -8.7468, 5.4883

Deuteranomaly

136.4870, -8.6211, 11.8509

Tritanomaly

136.1040, -1.0373, 6.0478

Monochromacy



Original Color

135.4430, -8.5994, 4.8735

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.9140, -2.9156, 1.8294

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.4430, -8.5994, 4.8735 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(141, 136, 118)` looks like.

```
.text, #text, p{  
    color:rgb(141, 136, 118)  
}
```

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(141, 136, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 136, 118) }
```

Border

The CSS property to change the border of an element to YUV 135.4430, -8.5994, 4.8735 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(141, 136, 118) }
```


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

```
.border{ border-color:rgb(141, 136, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 136, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 136, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 136, 118);  
box-shadow:4px 4px 4px 4px rgb(141, 136,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 135.4430, -8.5994, 4.8735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 136, 118) }
```

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

```
.background{ background-color: rgb(141,  
136, 118) }
```

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