

Converting Colors

YUV(126.8660, -43.8109,
5.3795)

Have a look what the booklet for
YUV(126.8660, -43.8109, 5.3795)
contains.

YUV(126.8660, -43.8109, 5.3795)	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(126.8660, -43.8109,
5.3795)**

Conversions

Conversions Part 1

Format	Color
Hex	858D26
RGB	133, 141, 38
RGB Percent	52%, 55%, 15%
CMY	0.4784, 0.4471, 0.8510
CMYK	0.06, 0.00, 0.73, 0.45
HSL	65°, 58%, 35%
HSV	65°, 73%, 55%
XYZ	19.5476, 24.1762, 5.4699
YIQ	126.8660, 28.2950, -33.7290

Conversions

Conversions Part 2

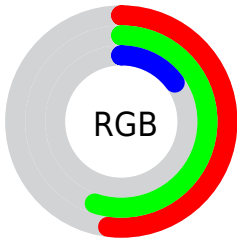
Format	Color
R_{YB}	38, 141, 46
Decimal	8752422
CIE Lab	56.26, -16.35, 50.80
CIE LCh	56, 53.361, 107.838
Yxy	24.1762, 0.3974, 0.4914
Android (android.graphics.Color)	4286942502 (0xFF858D26)
YUV	126.8660, -43.8109, 5.3795
Hunter-Lab	49.1693, -15.0825, 27.8227

Details

The YUV color **126.8660, -43.8109, 5.3795** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **52.1340, 43.8109, -5.3795**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.7630, -44.2532, 7.2238**, and **77.3370, -38.1271, 2.3355** is the 20% darker color. If you saturate the color by 10%, you get **124.9710, -49.7787, 6.1644**, and if you desaturate by 10%, it is **128.7610, -37.8432, 4.5946**.

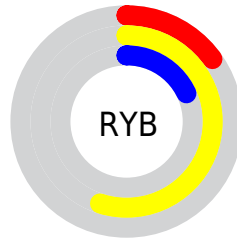
Distribution



Red (52%)

Green (55%)

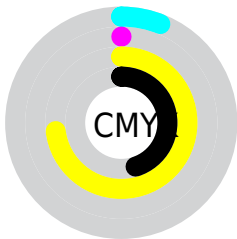
Blue (15%)



Red (15%)

Yellow (55%)

Blue (18%)

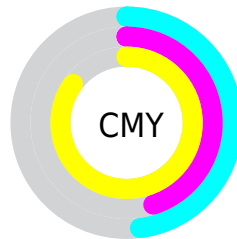


Cyan (6%)

Magenta (0%)

Yellow (73%)

Black (45%)



Cyan (48%)

Magenta (45%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.8660, -43.8109, 5.3795 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 126.8660, -43.8109, 5.3795 by changing the saturation by 10% instead.

■ 126.8660,
-43.8109, 5.3795

■ 126.8660,
-43.8109, 5.3795

■ 255.0000, 0.0000,
0.0000

■ 100.2420,
-47.4473, 5.0498

■ 180.7630,
-44.2532, 7.2238

■ 77.3370, -38.1271,
2.3355

■ 208.5350,
-45.1268, 7.4238

■ 56.3610, -27.7860,
-1.1936

■ 237.6060,
-46.1478, 8.2385

■ 35.0860, -17.2974,
-5.3374

■ 245.4240,
-36.6910, 8.3982

■ 15.2620, -7.5242,
-13.3848

■ 248.6160,
-24.4607, 5.5988

■ 0.0000, 0.0000,
0.0000

■ 251.9220,

-11.7935, 2.6994

■ 126.8660,
-43.8109, 5.3795

■ 126.8660,
-43.8109, 5.3795

■ 124.9710,
-49.7787, 6.1644

■ 128.7610,
-37.8432, 4.5946

■ 123.0760,
-55.7465, 6.9493

■ 130.6560,
-31.8754, 3.8097

■ 121.6370,
-59.9670, 7.3344

■ 132.5510,
-25.9076, 3.0248

■ 134.4460,
-19.9399, 2.2399

■ 136.4550,
-13.5353, 1.3550

■ 138.6490, -7.7150,
1.1848

■ 140.5440, -1.7472,
0.3999

■ 142.4390, 4.2206,
-0.3850

■ 144.3340, 10.1883,
-1.1699

Harmonies

Analogous

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



130.6190, -45.6612, 38.9221



126.8660, -43.8109, 5.3795



119.8250, -25.0567, -36.6805

Triad

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



126.8660, -43.8109, 5.3795



113.5400, 44.1038, -99.5746



136.3390, 9.6929, 64.6007

Complementary

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



126.8660, -43.8109, 5.3795



52.1340, 43.8109, -5.3795

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.



139.1570, 29.0096, 28.8033



126.8660, -43.8109, 5.3795



111.3520, 56.0285, -97.6557

Square

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



126.8660, -43.8109, 5.3795



110.6270, 25.3269, -97.0199



132.0450, 45.3338, -27.2265



132.7970, -11.7319, 76.4770

Rectangle

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



126.8660, -43.8109, 5.3795



102.1570, -2.0494, -89.5917



132.0450, 45.3338, -27.2265



137.7060, 16.4139, 55.5088

Sweetspot

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



126.8660, -43.8109, 5.3795



178.1300, -17.3191, 1.6400



72.9060, -17.2087, 59.7184



88.6660, -10.1883, 1.1699



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.



126.8660, -43.8109, 5.3795



161.6450, -68.8450, 8.2043



111.9160, -36.4406, -25.3593



70.2020, -3.0576, 0.6998



116.6200, -57.4937, 7.3493



6.7890, -3.3470, 0.1850

Inverse Universe

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



52.1340, 43.8109, -5.3795



44.3550, 68.8450, -8.2043



67.0840, 36.4406, 25.3593



65.0970, 2.9102, -0.0851



18.3800, 57.4937, -7.3493



1.2110, 3.3470, -0.1850

Previews

White Background



This preview shows how the YUV color 126.8660, -43.8109, 5.3795 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 126.8660, -43.8109, 5.3795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

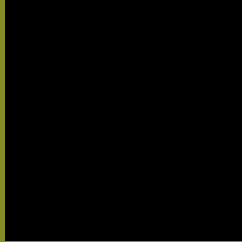
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.8660, -43.8109, 5.3795

Background



This preview shows how black text looks on a background with the YUV color 126.8660, -43.8109, 5.3795.



This preview shows how white text looks on a background with the YUV color 126.8660, -43.8109, 5.3795.

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

126.8660, -43.8109, 5.3795

Protanopia

128.4980, -45.6015, 19.7343

Deuteranopia

130.5690, -43.1715, 33.7040



Tritanopia

136.1300, 2.8939, 5.1480

Trichromacy



Original Color

126.8660, -43.8109, 5.3795

Protanomaly

127.6930, -44.7116, 14.3012

Deuteranomaly

129.3890, -43.5758, 23.3378

Tritanomaly

132.6620, -14.1304, 5.5584

Monochromacy



Original Color

126.8660, -43.8109, 5.3795

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.8850, -15.7193, 1.8549

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.8660, -43.8109, 5.3795 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(133, 141, 38)` looks like.

```
.text, #text, p{  
    color:rgb(133, 141, 38)  
}
```

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(133, 141, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 141, 38) }
```

Border

The CSS property to change the border of an element to YUV 126.8660, -43.8109, 5.3795 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(133, 141, 38) }
```


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

```
.border{ border-color:rgb(133, 141, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 141, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 141, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 141, 38);  
box-shadow:4px 4px 4px 4px rgb(133, 141,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 126.8660, -43.8109, 5.3795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 141, 38) }
```

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

```
.background{ background-color: rgb(133,  
141, 38) }
```

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