

Converting Colors

YUV(132.0060, -39.4430,
4.3797)

Have a look what the booklet for
YUV(132.0060, -39.4430, 4.3797)
contains.

YUV(132.0060, -39.4430, 4.3797)	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(132.0060, -39.4430,
4.3797)**

Conversions

Conversions Part 1

Format	Color
Hex	899134
RGB	137, 145, 52
RGB Percent	54%, 57%, 20%
CMY	0.4627, 0.4314, 0.7961
CMYK	0.06, 0.00, 0.64, 0.43
HSL	65°, 47%, 39%
HSV	65°, 64%, 57%
XYZ	21.0618, 25.8171, 7.1219
YIQ	132.0060, 25.0850, -30.6190

Conversions

Conversions Part 2

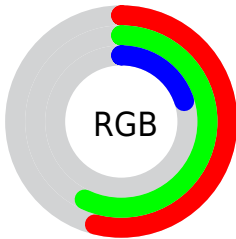
Format	Color
RYB	52, 145, 60
Decimal	9015604
CIELab	57.86, -15.81, 46.77
CIELCh	58, 49.367, 108.676
Yxy	25.8171, 0.3900, 0.4781
Android (android.graphics.Color)	4287205684 (0xFF899134)
YUV	132.0060, -39.4430, 4.3797
Hunter-Lab	50.8105, -14.9274, 27.2569

Details

The YUV color **132.0060, -39.4430, 4.3797** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **64.9940, 39.4430, -4.3797**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.9630, -40.9008, 5.2944**, and **80.8810, -39.8743, 2.7354** is the 20% darker color. If you saturate the color by 10%, you get **130.1110, -45.4107, 5.1647**, and if you desaturate by 10%, it is **134.0150, -33.0384, 3.4948**.

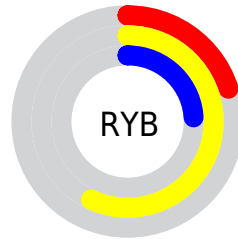
Distribution



Red (54%)

Green (57%)

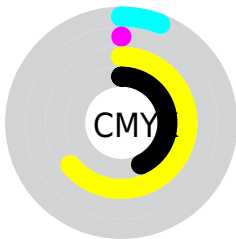
Blue (20%)



Red (20%)

Yellow (57%)

Blue (24%)

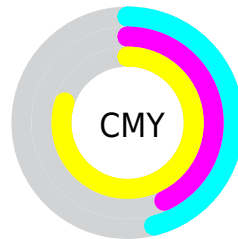


Cyan (6%)

Magenta (0%)

Yellow (64%)

Black (43%)



Cyan (46%)

Magenta (43%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.0060, -39.4430, 4.3797 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 132.0060, -39.4430, 4.3797 by changing the saturation by 10% instead.

■ 132.0060,
-39.4430, 4.3797

■ 132.0060,
-39.4430, 4.3797

■ 255.0000, 0.0000,
0.0000

■ 105.5930,
-39.7323, 3.8649

■ 185.9630,
-40.9008, 5.2944

■ 80.8810, -39.8743,
2.7354

■ 214.0340,
-41.9218, 6.1092

■ 59.6170, -29.3912,
0.3359

■ 242.2190,
-42.5060, 6.8239

■ 38.9290, -19.1920,
-4.3227

■ 246.9060,
-31.0127, 7.0984

■ 17.9200, -8.8346,
-13.0848

■ 250.0980,
-18.7823, 4.2991

■ 0.0000, 0.0000,
0.0000

■ 253.4040, -6.1152,

1.3997

■ 132.0060,
-39.4430, 4.3797

■ 132.0060,
-39.4430, 4.3797

■ 130.1110,
-45.4107, 5.1647

■ 134.0150,
-33.0384, 3.4948

■ 128.1020,
-51.8153, 6.0495

■ 135.9100,
-27.0706, 2.7099

■ 125.9080,
-57.6356, 6.2197

■ 138.2180,
-20.8135, 2.4398

■ 124.8820,
-61.5668, 7.1195

■ 140.1130,
-14.8457, 1.6549

■ 142.1220, -8.4411,
0.7700

■ 144.0170, -2.4734,
-0.0149

■ 146.3250, 3.7838,
-0.2850

■ 148.2200, 9.7515,
-1.0699

■ 150.2290, 16.1561,
-1.9548

Harmonies

Analogous

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



135.6340, -41.7246, 36.2780



132.0060, -39.4430, 4.3797



125.1180, -22.7362, -34.3065

Triad

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



132.0060, -39.4430, 4.3797



115.3010, 43.2356, -101.1190



141.1490, 7.8145, 60.3823

Complementary

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



132.0060, -39.4430, 4.3797



64.9940, 39.4430, -4.3797

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.



143.6470, 25.8100, 28.3736



132.0060, -39.4430, 4.3797



112.2980, 54.5761, -98.4853

Square

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



132.0060, -39.4430, 4.3797



112.7300, 25.7691, -98.8642



137.6390, 41.0970, -21.6084



138.3510, -12.0050, 70.7292

Rectangle

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



132.0060, -39.4430, 4.3797



113.5010, -3.6980, -74.1074



137.6390, 41.0970, -21.6084



141.8150, 14.3882, 51.9052

Sweetspot

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



132.0060, -39.4430, 4.3797



183.9990, -15.2825, 1.7549



84.5030, -16.0240, 53.0559



91.0080, -8.8779, 0.8700



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.



132.0060, -39.4430, 4.3797



168.4690, -61.8562, 6.6047



118.2520, -32.6622, -23.9000



70.2020, -3.0576, 0.6998



116.3210, -57.3463, 6.7345



6.7890, -3.3470, 0.1850

Inverse Universe

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



64.9940, 39.4430, -4.3797



63.5310, 61.8562, -6.6047



78.7480, 32.6622, 23.9000



65.0970, 2.9102, -0.0851



18.9780, 57.1988, -6.1197



1.2110, 3.3470, -0.1850

Previews

White Background



This preview shows how the YUV color 132.0060, -39.4430, 4.3797 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 132.0060, -39.4430, 4.3797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

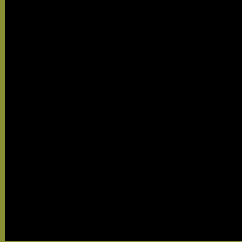
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 132.0060, -39.4430, 4.3797

Background



This preview shows how black text looks on a background with the YUV color 132.0060, -39.4430, 4.3797.



This preview shows how white text looks on a background with the YUV color 132.0060, -39.4430,

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

132.0060, -39.4430, 4.3797

Protanopia

133.6380, -41.2335, 18.7345

Deuteranopia

135.5950, -39.2403, 32.8042



Tritanopia

140.1300, 2.8939, 5.1480

Trichromacy



Original Color

132.0060, -39.4430, 4.3797

Protanomaly

132.8330, -40.3437, 13.3015

Deuteranomaly

134.5290, -39.2078, 22.3381

Tritanomaly

137.1180, -12.3832, 5.1585

Monochromacy



Original Color

132.0060, -39.4430, 4.3797

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.2270, -14.4089, 1.5549

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.0060, -39.4430, 4.3797 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(137, 145, 52)` looks like.

```
.text, #text, p{  
    color:rgb(137, 145, 52)  
}
```

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(137, 145, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 145, 52) }
```

Border

The CSS property to change the border of an element to YUV 132.0060, -39.4430, 4.3797 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(137, 145, 52) }
```


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

```
.border{ border-color:rgb(137, 145, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 145, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 145, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 145, 52);  
box-shadow:4px 4px 4px 4px rgb(137, 145,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 132.0060, -39.4430, 4.3797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 145, 52) }
```

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

```
.background{ background-color: rgb(137,  
145, 52) }
```

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