

Converting Colors

YUV(138.8940, -39.3877,
33.4190)

Have a look what the booklet for
YUV(138.8940, -39.3877, 33.4190)
contains.

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Color

**YUV(138.8940, -39.3877,
33.4190)**

Conversions

Conversions Part 1

Format	Color
Hex	B1873B
RGB	177, 135, 59
RGB Percent	69%, 53%, 23%
CMY	0.3059, 0.4706, 0.7686
CMYK	0.00, 0.24, 0.67, 0.31
HSL	39°, 50%, 46%
HSV	39°, 67%, 69%
XYZ	27.5849, 26.9908, 7.8935
YIQ	138.8940, 49.4280, -14.7320

Conversions

Conversions Part 2

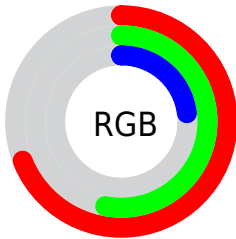
Format	Color
RYB	124, 177, 59
Decimal	11634491
CIELab	58.97, 7.91, 45.86
CIElCh	59, 46.535, 80.211
Yxy	26.9908, 0.4416, 0.4321
Android (android.graphics.Color)	4289824571 (0xFFB1873B)
YUV	138.8940, -39.3877, 33.4190
Hunter-Lab	51.9527, 3.8593, 27.3585

Details

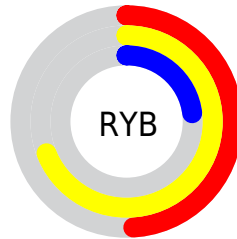
The YUV color **138.8940, -39.3877, 33.4190** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **97.1060, 39.3877, -33.4190**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.4600, -41.1458, 37.3076**, and **87.1170, -40.9767, 29.7154** is the 20% darker color. If you saturate the color by 10%, you get **133.3200, -45.5138, 38.3074**, and if you desaturate by 10%, it is **144.4680, -33.2617, 28.5306**.

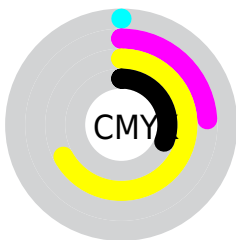
Distribution



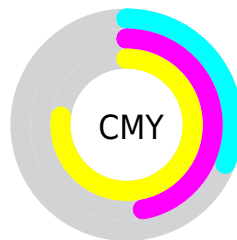
- Red (69%)
- Green (53%)
- Blue (23%)



- Red (49%)
- Yellow (69%)
- Blue (23%)



- Cyan (0%)
- Magenta (24%)
- Yellow (67%)
- Black (31%)



- Cyan (31%)
- Magenta (47%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.8940, -39.3877, 33.4190 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 138.8940, -39.3877, 33.4190 by changing the saturation by 10% instead.

■ 138.8940,
-39.3877, 33.4190

■ 138.8940,
-39.3877, 33.4190

■ 255.0000, 0.0000,
0.0000

■ 112.9970,
-38.9455, 31.5746

■ 193.4600,
-41.1458, 37.3076

■ 87.1170, -40.9767,
29.7154

■ 218.5410,
-40.6927, 31.9745

■ 64.5000, -31.7985,
25.8715

■ 238.0550,
-37.0021, 14.8608

■ 44.1000, -21.7413,
20.0833

■ 247.5900,
-28.3919, 6.4986

■ 24.8850, -12.2683,
15.0099

■ 250.7820,
-16.1615, 3.6992

■ 2.6910, -1.3267,
5.5330

■ 254.0880, -3.4944,

■ 0.0000, 0.0000,

0.7998

0.0000

■ 138.8940,
-39.3877, 33.4190

■ 138.8940,
-39.3877, 33.4190

■ 133.3200,
-45.5138, 38.3074

■ 144.4680,
-33.2617, 28.5306

■ 127.2730,
-50.9136, 43.6106

■ 150.5150,
-27.8619, 23.2273

■ 121.6990,
-57.0396, 48.4990

■ 156.0890,
-21.7359, 18.3389

■ 119.8410,
-59.0816, 50.1284

■ 161.6630,
-15.6099, 13.4505

■ 167.8240, -9.7732,
8.0474

■ 173.2840, -4.0840,
3.2589

■ 178.8580, 2.0420,
-1.6295

■ 184.4320, 8.1680,
-6.5179

■ 190.4790, 13.5679,
-11.8211

Harmonies

Analogous

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



140.8550, -30.0015, 56.2552



138.8940, -39.3877, 33.4190



135.0920, -36.5274, 2.5503

Triad

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



138.8940, -39.3877, 33.4190



114.3600, 26.9375, -100.2937



146.1910, 24.0628, 28.7735

Complementary

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



138.8940, -39.3877, 33.4190



97.1060, 39.3877, -33.4190

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.



141.2760, 38.3179, -16.9051



138.8940, -39.3877, 33.4190



116.5890, 43.0936, -102.2486

Square

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



138.8940, -39.3877, 33.4190



109.5720, 8.5920, -96.0946



113.3580, 53.5605, -99.4150



144.0840, 6.3676, 57.8083

Rectangle

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



138.8940, -39.3877, 33.4190



132.0550, -27.1421, -21.0962



113.3580, 53.5605, -99.4150



146.0690, 29.0530, 14.8485

Sweetspot

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



138.8940, -39.3877, 33.4190



214.7770, -15.1731, 13.3506



99.1840, 1.3883, 68.2446



105.9380, -9.3364, 7.9474



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



138.8940, -39.3877, 33.4190



170.2820, -61.2710, 52.3727



158.7640, -49.1837, 1.9610



86.2130, -3.0630, 2.4442



103.8600, -51.2030, 43.0958



17.1660, -8.4628, 7.7474

Inverse Universe

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



97.1060, 39.3877, -33.4190



105.1310, 61.5604, -51.8579



77.2360, 49.1837, -1.9610



83.3740, 2.7736, -2.9590



49.1400, 51.2030, -43.0958



8.2470, 8.7522, -7.2326

Previews

White Background



This preview shows how the YUV color 138.8940, -39.3877, 33.4190 looks on a white background.

Color Contrast Check

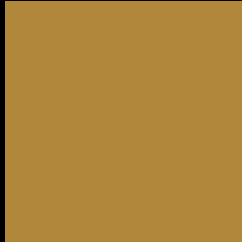
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.8940, -39.3877, 33.4190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

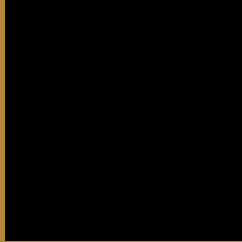
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.8940, -39.3877, 33.4190

Background



This preview shows how black text looks on a background with the YUV color 138.8940, -39.3877, 33.4190.



This preview shows how white text looks on a background with the YUV color 138.8940, -39.3877, 33.4190.

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

138.8940, -39.3877, 33.4190

Protanopia

137.5500, -37.7392, 17.9346

Deuteranopia

138.8940, -39.3877, 33.4190



Tritanopia

144.8840, -3.8868, 33.4277

Trichromacy



Original Color

138.8940, -39.3877, 33.4190

Protanomaly

137.7680, -38.3396, 23.8825

Deuteranomaly

138.8940, -39.3877, 33.4190

Tritanomaly

142.8550, -16.6905, 33.4532

Monochromacy



Original Color

138.8940, -39.3877, 33.4190

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

139.2930, -14.4414, 12.0210

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.8940, -39.3877, 33.4190 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(177, 135, 59)` looks like.

```
.text, #text, p{  
    color:rgb(177, 135, 59)  
}
```

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(177, 135, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 135, 59) }
```

Border

The CSS property to change the border of an element to YUV 138.8940, -39.3877, 33.4190 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(177, 135, 59) }
```


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

```
.border{ border-color:rgb(177, 135, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 135, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 135, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 135, 59);  
box-shadow:4px 4px 4px 4px rgb(177, 135,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 138.8940, -39.3877, 33.4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 135, 59) }
```

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

```
.background{ background-color: rgb(177,  
135, 59) }
```

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](#).

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