

Converting Colors

YUV(133.1250, -39.9946,
-5.3716)

Have a look what the booklet for
YUV(133.1250, -39.9946, -5.3716)
contains.

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Color

**YUV(133.1250, -39.9946,
-5.3716)**

Conversions

Conversions Part 1

Format	Color
Hex	7F9834
RGB	127, 152, 52
RGB Percent	50%, 60%, 20%
CMY	0.5020, 0.4039, 0.7961
CMYK	0.16, 0.00, 0.66, 0.40
HSL	75°, 49%, 40%
HSV	75°, 66%, 60%
XYZ	20.6005, 27.2164, 7.4163
YIQ	133.1250, 17.2000, -36.4000

Conversions

Conversions Part 2

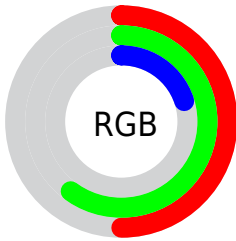
Format	Color
RYB	52, 152, 77
Decimal	8362036
CIELab	59.17, -23.68, 47.93
CIELCh	59, 53.464, 116.295
Yxy	27.2164, 0.3730, 0.4928
Android (android.graphics.Color)	4286552116 (0xFF7F9834)
YUV	133.1250, -39.9946, -5.3716
Hunter-Lab	52.1694, -20.8109, 28.0899

Details

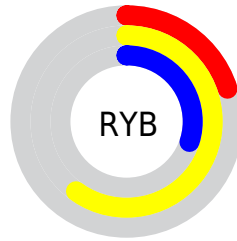
The YUV color **133.1250, -39.9946, -5.3716** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **70.8750, 39.9946, 5.3716**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.1960, -41.0156, -4.5569**, and **81.4130, -40.1366, -6.5012** is the 20% darker color. If you saturate the color by 10%, you get **130.2190, -45.9570, -6.3311**, and if you desaturate by 10%, it is **136.0310, -34.0323, -4.4122**.

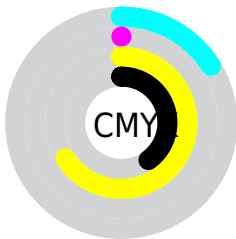
Distribution



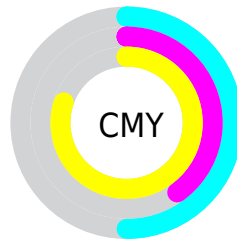
- Red (50%)
- Green (60%)
- Blue (20%)



- Red (20%)
- Yellow (60%)
- Blue (30%)



- Cyan (16%)
- Magenta (0%)
- Yellow (66%)
- Black (40%)



- Cyan (50%)
- Magenta (40%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.1250, -39.9946, -5.3716 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 133.1250, -39.9946, -5.3716 by changing the saturation by 10% instead.

■ 133.1250,
-39.9946, -5.3716

■ 133.1250,
-39.9946, -5.3716

■ 255.0000, 0.0000,
0.0000

■ 106.7120,
-40.2840, -5.8864

■ 187.1960,
-41.0156, -4.5569

■ 81.4130, -40.1366,
-6.5012

■ 215.5550,
-42.1786, -4.8717

■ 60.1490, -29.6535,
-8.9007

■ 239.0440,
-40.4477, -0.0386

■ 38.5750, -19.0175,
-13.6593

■ 247.0200,
-30.5759, 6.9985

■ 19.3710, -9.5499,
-16.9884

■ 250.2120,
-18.3455, 4.1991

■ 0.0000, 0.0000,
0.0000

■ 253.5180, -5.6784,

1.2997

■ 133.1250,
-39.9946, -5.3716

■ 133.1250,
-39.9946, -5.3716

■ 130.2190,
-45.9570, -6.3311

■ 136.0310,
-34.0323, -4.4122

■ 127.3130,
-51.9193, -7.2905

■ 138.9370,
-28.0699, -3.4527

■ 124.5920,
-58.4659, -7.5352

■ 141.6580,
-21.5234, -3.2081

■ 123.3100,
-60.7918, -8.1649

■ 144.5640,
-15.5611, -2.2486

■ 147.4700, -9.5987,
-1.2892

■ 150.3760, -3.6364,
-0.3298

■ 153.2820, 2.3260,
0.6297

■ 156.0030, 8.8725,
0.8744

■ 158.9090, 14.8349,
1.8338

Harmonies

Analogous

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



137.5210, -47.0919, 31.1151



133.1250, -39.9946, -5.3716



123.9740, -17.7352, -51.7202

Triad

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



133.1250, -39.9946, -5.3716



119.0000, 49.7930, -104.3630



142.7760, 3.5614, 71.2334

Complementary

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



133.1250, -39.9946, -5.3716



70.8750, 39.9946, 5.3716

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.



146.5670, 23.8775, 41.5987



133.1250, -39.9946, -5.3716



114.3670, 59.9651, -100.2999

Square

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



133.1250, -39.9946, -5.3716



117.7170, 32.1845, -103.2378



143.4280, 41.2010, -8.2684



140.7770, -18.1311, 75.6176

Rectangle

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



133.1250, -39.9946, -5.3716



109.8340, 4.5188, -96.3244



143.4280, 41.2010, -8.2684



144.2680, 10.7139, 63.7860

Sweetspot

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



133.1250, -39.9946, -5.3716



188.8630, -15.7085, -1.6339



96.5750, -21.9755, 48.6077



94.5840, -9.1619, -1.3892



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



133.1250, -39.9946, -5.3716



166.9680, -62.1022, -7.8649



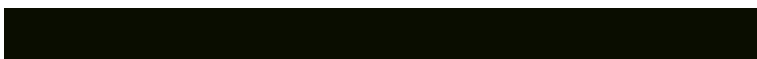
118.1750, -32.6243, -36.1105



75.4900, -3.1996, -0.4297



113.5750, -55.9925, -7.5203



10.6210, -5.2362, -0.5446

Inverse Universe

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



70.8750, 39.9946, 5.3716



70.3310, 61.9548, 8.4797



85.8250, 32.6243, 36.1105



70.5100, 3.1996, 0.4297



26.4250, 55.9925, 7.5203



2.3790, 5.2362, 0.5446

Previews

White Background



This preview shows how the YUV color 133.1250, -39.9946, -5.3716 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 133.1250, -39.9946, -5.3716 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 133.1250, -39.9946, -5.3716 Background



This preview shows how black text looks on a background with the YUV color 133.1250, -39.9946, -5.3716.



This preview shows how white text looks on a background with the YUV color 133.1250, -39.9946, -5.3716.

-5.3716.

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

133.1250, -39.9946, -5.3716

Protanopia

136.4810, -43.1281, 19.7492

Deuteranopia

138.7800, -39.8245, 33.5189



Tritanopia

142.0580, 5.3944, -3.5589

Trichromacy



Original Color

133.1250, -39.9946, -5.3716

Protanomaly

135.3550, -42.0800, 10.2127

Deuteranomaly

136.6920, -39.7812, 19.5641

Tritanomaly

138.9920, -11.3351, -4.3780

Monochromacy



Original Color

133.1250, -39.9946, -5.3716

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.2050, -14.3981, -1.9338

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.1250, -39.9946, -5.3716 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(127, 152, 52)` looks like.

```
.text, #text, p{  
    color:rgb(127, 152, 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(127, 152, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 152, 52) }
```

Border

The CSS property to change the border of an element to YUV 133.1250, -39.9946, -5.3716 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(127, 152, 52) }
```


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

```
.border{ border-color:rgb(127, 152, 52) }
```

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

Here you see how a box with a 4 pixel rgb(127, 152, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 152, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 152, 52);  
box-shadow:4px 4px 4px 4px rgb(127, 152,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 133.1250, -39.9946, -5.3716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 152, 52) }
```

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

```
.background{ background-color: rgb(127,  
152, 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](#).

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