

Converting Colors

YUV(97.0390, -33.0502,
-39.4992)

Have a look what the booklet for
YUV(97.0390, -33.0502, -39.4992)
contains.

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Color

**YUV(97.0390, -33.0502,
-39.4992)**

Conversions

Conversions Part 1

Format	Color
Hex	34851E
RGB	52, 133, 30
RGB Percent	20%, 52%, 12%
CMY	0.7961, 0.4784, 0.8824
CMYK	0.61, 0.00, 0.77, 0.48
HSL	107°, 63%, 32%
HSV	107°, 77%, 52%
XYZ	10.0380, 17.5989, 4.0962
YIQ	97.0390, -15.2130, -49.2050

Conversions

Conversions Part 2

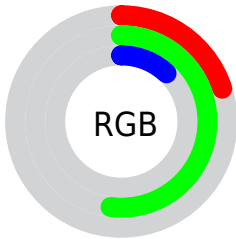
Format	Color
R_{YB}	30, 133, 111
Decimal	3441950
CIE Lab	49.01, -43.86, 45.06
CIE LCh	49, 62.882, 134.221
Yxy	17.5989, 0.3163, 0.5546
Android (android.graphics.Color)	4281632030 (0xFF34851E)
YUV	97.0390, -33.0502, -39.4992
Hunter-Lab	41.9510, -30.7027, 23.5765

Details

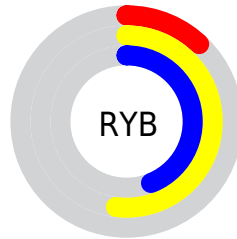
The YUV color **97.0390, -33.0502, -39.4992** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **65.9610, 33.0502, 39.4992**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.4090, -34.2186, -38.0697**, and **48.1340, -23.7301, -42.2135** is the 20% darker color. If you saturate the color by 10%, you get **92.5670, -37.2545, -44.3473**, and if you desaturate by 10%, it is **101.5110, -28.8459, -34.6511**.

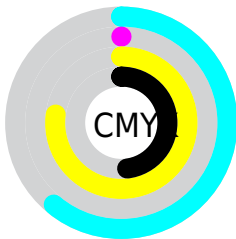
Distribution



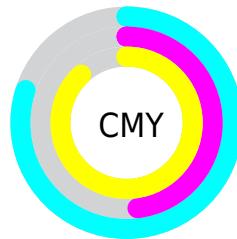
- Red (20%)
- Green (52%)
- Blue (12%)



- Red (12%)
- Yellow (52%)
- Blue (44%)



- Cyan (61%)
- Magenta (0%)
- Yellow (77%)
- Black (48%)



- Cyan (80%)
- Magenta (48%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.0390, -33.0502, -39.4992 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 97.0390, -33.0502, -39.4992 by changing the saturation by 10% instead.

■ 97.0390, -33.0502,
-39.4992

■ 97.0390, -33.0502,
-39.4992

255.0000, 0.0000,
0.0000

■ 67.8920, -33.4708,
-44.6323

■ 151.4090,
-34.2186, -38.0697

■ 48.1340, -23.7301,
-42.2135

■ 179.1810,
-35.0922, -37.8697

■ 34.0460, -16.7847,
-29.8583

■ 207.5400,
-36.2552, -38.1846

■ 21.7190, -10.7075,
-19.0476

■ 225.7460,
-31.9198, -28.7182

■ 0.0000, 0.0000,
0.0000

■ 237.6090,
-23.9642, -13.6891

■ 249.4720,

-16.0087, 1.3401

253.9740, -3.9312,
0.8998

97.0390, -33.0502,
-39.4992

97.0390, -33.0502,
-39.4992

92.5670, -37.2545,
-44.3473

101.5110,
-28.8459, -34.6511

87.6820, -41.7482,
-49.7101

106.3960,
-24.3522, -29.2883

86.4430, -42.6164,
-51.2545

110.8680,
-20.1479, -24.4402

115.6390,
-16.0910, -18.9774

120.2250,
-11.4499, -14.2293

■ 124.9960, -7.3930,
-8.7665

■ 129.4680, -3.1887,
-3.9184

■ 134.2390, 0.8682,
1.5444

■ 138.8250, 5.5093,
6.2925

Harmonies

Analogous

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



106.5970, -52.5523, 9.1234



97.0390, -33.0502, -39.4992



91.2830, -3.0975, -80.0552

Triad

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



97.0390, -33.0502, -39.4992



101.2760, 58.0379, -88.8191



107.5520, -6.6811, 89.8469

Complementary

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



97.0390, -33.0502, -39.4992



65.9610, 33.0502, 39.4992

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.



113.2290, 16.6491, 73.4672



97.0390, -33.0502, -39.4992



101.6800, 58.8248, -61.1094

Square

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



97.0390, -33.0502, -39.4992



102.6660, 43.0557, -90.0381



119.7960, 36.5826, 26.4889



110.1780, -33.1188, 76.1429

Rectangle

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



97.0390, -33.0502, -39.4992



96.2020, 13.2114, -84.3692



119.7960, 36.5826, 26.4889



108.0170, 1.4706, 88.5621

Sweetspot

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



97.0390, -33.0502, -39.4992



159.2850, -12.4655, -15.1589



108.3440, -38.6236, 21.6233



78.4690, -8.1192, -9.1813



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



97.0390, -33.0502, -39.4992



116.9720, -51.7512, -61.3654



93.7670, -17.1401, -55.9237



63.8210, -1.8838, -2.4740



84.6820, -41.7482, -49.7101



2.0600, -1.0156, -0.9296

Inverse Universe

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



65.9610, 33.0502, 39.4992



68.3270, 51.6038, 61.9802



69.2330, 17.1401, 55.9237



62.1790, 1.8838, 2.4740



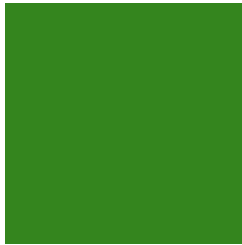
45.3180, 41.7482, 49.7101



0.9400, 1.0156, 0.9296

Previews

White Background



This preview shows how the YUV color 97.0390, -33.0502, -39.4992 looks on a white background.

Color Contrast Check

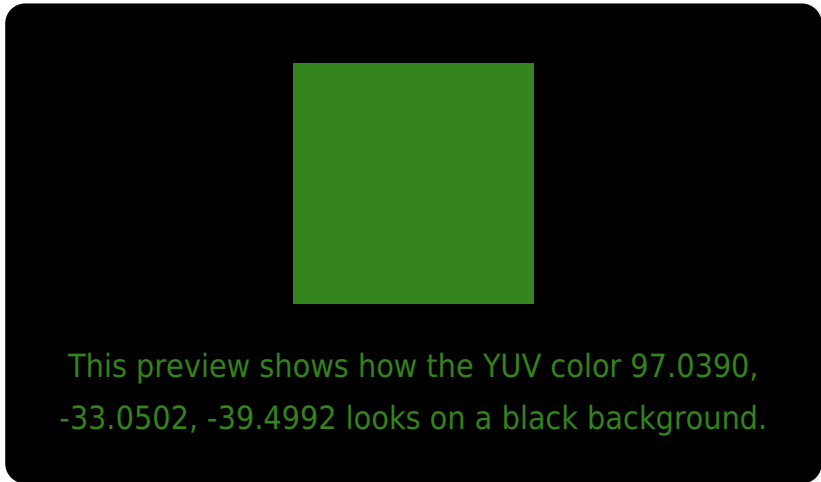
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 97.0390, -33.0502, -39.4992

Background



This preview shows how black text looks on a background with the YUV color 97.0390, -33.0502, -39.4992.



This preview shows how white text looks on a background with the YUV color 97.0390, -33.0502, -39.4992.

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

97.0390, -33.0502, -39.4992

Protanopia

109.9260, -41.3755, 17.6049

Deuteranopia

112.4850, -35.7351, 28.5157



Tritanopia

109.8910, 11.8857, -32.3534

Trichromacy



Original Color

97.0390, -33.0502, -39.4992

Protanomaly

105.1900, -38.5477, -2.7976

Deuteranomaly

106.5590, -34.7856, 3.8948

Tritanomaly

104.9280, -4.4015, -35.0169

Monochromacy



Original Color

97.0390, -33.0502, -39.4992

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.1110, -11.8867, -14.1293

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.0390, -33.0502, -39.4992 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(52, 133, 30)` looks like.

```
.text, #text, p{  
    color:rgb(52, 133, 30)  
}
```

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(52, 133, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 133, 30) }
```

Border

The CSS property to change the border of an element to YUV 97.0390, -33.0502, -39.4992 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(52, 133, 30) }
```


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

```
.border{ border-color:rgb(52, 133, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 133, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 133, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 133, 30);  
box-shadow:4px 4px 4px 4px rgb(52, 133,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 97.0390, -33.0502, -39.4992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 133, 30) }
```

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

```
.background{ background-color: rgb(52, 133,  
30) }
```

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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