

Converting Colors

YUV(39.3290, -19.3892,
-34.4915)

Have a look what the booklet for
YUV(39.3290, -19.3892, -34.4915)
contains.

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Color

**YUV(39.3290, -19.3892,
-34.4915)**

Conversions

Conversions Part 1

Format	Color
Hex	004300
RGB	0, 67, 0
RGB Percent	0%, 26%, 0%
CMY	1.0000, 0.7373, 1.0000
CMYK	1.00, 0.00, 1.00, 0.74
HSL	120°, 100%, 13%
HSV	120°, 100%, 26%
XYZ	2.0072, 4.0143, 0.6691
YIQ	39.3290, -18.4250, -35.0410

Conversions

Conversions Part 2

Format	Color
RYB	0, 67, 67
Decimal	17152
CIELab	23.72, -33.00, 31.32
CIELCh	24, 45.498, 136.491
Yxy	4.0143, 0.3000, 0.6000
Android (android.graphics.Color)	4278207232 (0xFF004300)
YUV	39.3290, -19.3892, -34.4915
Hunter-Lab	20.0357, -17.1806, 12.0452

Details

The YUV color **39.3290, -19.3892, -34.4915** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **27.6710, 19.3892, 34.4915**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.2050, -21.3001, -28.2438**, and **12.3270, -6.0772, -10.8108** is the 20% darker color. If you saturate the color by 10%, you get **39.3290, -19.3892, -34.4915**, and if you desaturate by 10%, it is **42.2200, -17.3635, -30.8879**.

Distribution



- Red (0%)
- Green (26%)
- Blue (0%)



- Red (0%)
- Yellow (26%)
- Blue (26%)



- Cyan (100%)
- Magenta (0%)
- Yellow (100%)
- Black (74%)



- Cyan (100%)
- Magenta (74%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.3290, -19.3892, -34.4915 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 39.3290, -19.3892, -34.4915 by changing the saturation by 10% instead.

■ 39.3290, -19.3892,
-34.4915

■ 39.3290, -19.3892,
-34.4915

■ 250.7690, -9.7461,
-0.6744

■ 25.8280, -12.7332,
-22.6512

■ 91.2050, -21.3001,
-28.2438

■ 12.3270, -6.0772,
-10.8108

■ 116.9770,
-22.1737, -28.0438

■ 0.0000, 0.0000,
0.0000


■ 143.4500,
-22.8998, -28.4586


■ 169.9230,
-23.6260, -28.8735


■ 197.6950,
-24.4996, -28.6735


■ 226.1680,


-25.2258, -29.0883


 238.9060,
-17.7017, -15.7036


 39.3290, -19.3892,
-34.4915

 42.2200, -17.3635,
-30.8879

 44.6980, -15.6271,
-27.7991

 47.5890, -13.6014,
-24.1956

 50.4800, -11.5756,
-20.5920

 53.3710, -9.5499,
-16.9884

■ 55.8490, -7.8136,
-13.8996

■ 58.7400, -5.7878,
-10.2960

■ 61.6310, -3.7621,
-6.6924

■ 64.1090, -2.0257,
-3.6036

Harmonies

Analogous

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



51.6540, -25.4654, 1.1804



39.3290, -19.3892, -34.4915



45.5360, -3.2222, -39.9351

Triad

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



39.3290, -19.3892, -34.4915



52.1770, 34.9157, -45.7592



45.2880, -3.1000, 61.1374

Complementary

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



39.3290, -19.3892, -34.4915



27.6710, 19.3892, 34.4915

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.



48.8320, 11.9148, 51.8903



39.3290, -19.3892, -34.4915



45.7200, 38.0990, -40.0964

Square

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



39.3290, -19.3892, -34.4915



53.1740, 26.0432, -46.6336



57.4950, 22.9270, 19.7369



50.6350, -22.9911, 47.6781

Rectangle

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



39.3290, -19.3892, -34.4915



48.8590, 6.9715, -42.8493



57.4950, 22.9270, 19.7369



44.3080, 3.2992, 61.9969

Sweetspot

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



39.3290, -19.3892, -34.4915



76.2620, -7.5242, -13.3848



59.3620, -29.2655, 6.6985



36.8050, -4.3409, -7.7220



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



39.3290, -19.3892, -34.4915



51.0690, -25.1770, -44.7875



43.2050, -4.5381, -37.8908



31.7610, -0.8682, -1.5444



56.9390, -28.0709, -49.9355



131.4880, -64.8236, -115.3150

Inverse Universe

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



27.6710, 19.3892, 34.4915



35.9310, 25.1770, 44.7875



23.9090, 4.9749, 37.7908



31.2390, 0.8682, 1.5444



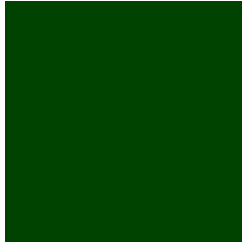
40.0610, 28.0709, 49.9355



92.5120, 64.8236, 115.3150

Previews

White Background



This preview shows how the YUV color 39.3290, -19.3892, -34.4915 looks on a white background.

Color Contrast Check

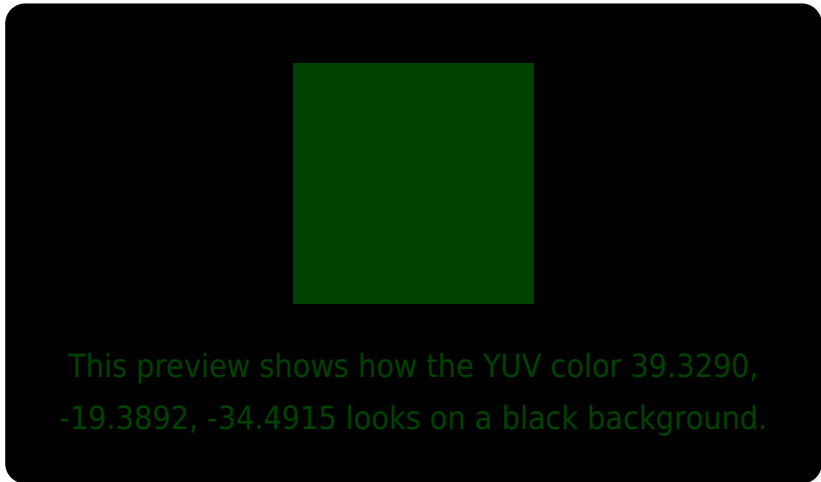
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.3290, -19.3892, -34.4915

Background



This preview shows how black text looks on a background with the YUV color 39.3290, -19.3892, -34.4915.



This preview shows how white text looks on a background with the YUV color 39.3290, -19.3892, -34.4915.

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



Protanopia

52.8940, -26.0767, 10.6170

Deuteranopia

54.9360, -19.6884, 14.9651

Tritanopia

52.4040, 7.1958, -21.4023

Trichromacy



Protanomaly

48.0660, -23.6965, -6.1969

Deuteranomaly

49.5270, -19.4868, -3.0932

Tritanomaly

47.8520, -2.3920, -26.1802

Monochromacy



Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

39.0880, -6.9454, -12.3552

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.3290, -19.3892, -34.4915 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(0, 67, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 67, 0)  
}
```

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(0, 67, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 67, 0) }
```

Border

The CSS property to change the border of an element to YUV 39.3290, -19.3892, -34.4915 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(0, 67, 0) }
```

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

```
.border{ border-color:rgb(0, 67, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 67, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 67, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 67, 0); box-shadow:4px  
4px 4px 4px rgb(0, 67, 0) }
```


Background

The CSS property to change the background color of an element to YUV 39.3290, -19.3892, -34.4915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 67, 0) }
```

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

```
.background{ background-color: rgb(0, 67,  
0) }
```

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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