

Converting Colors

YUV(71.5350, -35.2668,
-28.5332)

Have a look what the booklet for
YUV(71.5350, -35.2668, -28.5332)
contains.

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Color

**YUV(71.5350, -35.2668,
-28.5332)**

Conversions

Conversions Part 1

Format	Color
Hex	276600
RGB	39, 102, 0
RGB Percent	15%, 40%, 0%
CMY	0.8471, 0.6000, 1.0000
CMYK	0.62, 0.00, 1.00, 0.60
HSL	97°, 100%, 20%
HSV	97°, 100%, 40%
XYZ	5.5881, 9.9341, 1.6229
YIQ	71.5350, -4.8060, -45.0780

Conversions

Conversions Part 2

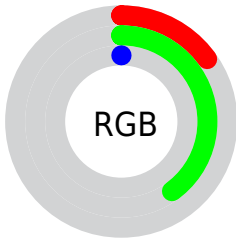
Format	Color
RYB	0, 102, 63
Decimal	2582016
CIELab	37.72, -37.15, 43.41
CIELCh	38, 57.132, 130.556
Yxy	9.9341, 0.3259, 0.5794
Android (android.graphics.Color)	4280772096 (0xFF276600)
YUV	71.5350, -35.2668, -28.5332
Hunter-Lab	31.5184, -23.5099, 19.0099

Details

The YUV color **71.5350, -35.2668, -28.5332** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **30.4650, 35.2668, 28.5332**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.7030, -33.3776, -27.8035**, and **31.6980, -15.6271, -27.7991** is the 20% darker color. If you saturate the color by 10%, you get **71.5350, -35.2668, -28.5332**, and if you desaturate by 10%, it is **74.4690, -31.7832, -25.8443**.

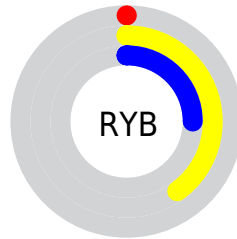
Distribution



Red (15%)

Green (40%)

Blue (0%)



Red (0%)

Yellow (40%)

Blue (25%)

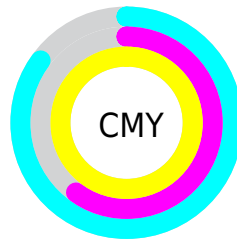


Cyan (62%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (85%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.5350, -35.2668, -28.5332 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 71.5350, -35.2668, -28.5332 by changing the saturation by 10% instead.

■ 71.5350, -35.2668,
-28.5332

■ 71.5350, -35.2668,
-28.5332

■ 253.9740, -3.9312,
0.8998

■ 46.6940, -23.0201,
-36.5656

■ 124.7030,
-33.3776, -27.8035

■ 31.6980, -15.6271,
-27.7991

■ 151.5890,
-33.8144, -27.7036

■ 19.9580, -9.8393,
-17.5032

■ 178.9480,
-34.9774, -28.0184


■ 0.0000, 0.0000,
0.0000


■ 206.8340,
-35.4142, -27.9184


■ 229.1490,
-33.1045, -22.0557


■ 240.8980,


-25.5857, -6.9265


 250.6680,
-16.5983, 3.7992


 71.5350, -35.2668,
-28.5332

 74.4690, -31.7832,
-25.8443

 77.7020, -28.4471,
-22.5407

 80.7500, -24.5267,
-19.9518

 83.6840, -21.0432,
-17.2629

 86.9170, -17.7071,
-13.9592

■ 89.8510, -14.2235,
-11.2703

■ 92.7850, -10.7400,
-8.5814

■ 95.8330, -6.8197,
-5.9925

■ 99.0660, -3.4835,
-2.6889

Harmonies

Analogous

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



81.8110, -40.3328, 9.8128



71.5350, -35.2668, -28.5332



69.1930, -6.5041, -60.6823

Triad

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



71.5350, -35.2668, -28.5332



79.9380, 47.3586, -70.1056



77.2780, -1.1231, 80.4402

Complementary

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



71.5350, -35.2668, -28.5332



30.4650, 35.2668, 28.5332

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.



84.7930, 17.8501, 61.5715



71.5350, -35.2668, -28.5332



72.8770, 53.3046, -63.9131

Square

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



71.5350, -35.2668, -28.5332



80.2680, 33.3919, -70.3950



91.0460, 33.9943, 16.6227



81.4850, -25.3821, 67.9807

Rectangle

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



71.5350, -35.2668, -28.5332



74.0150, 6.8946, -64.9112



91.0460, 33.9943, 16.6227



78.3900, 5.7237, 77.7110

Sweetspot

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



71.5350, -35.2668, -28.5332



120.9650, -13.7867, -11.3703



67.4790, -33.2671, 30.2749



59.0780, -8.4195, -6.2074



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



71.5350, -35.2668, -28.5332



93.3200, -46.0068, -37.1146



61.2420, -24.2763, -53.7092



49.5330, -1.7418, -1.3444



80.6610, -39.7659, -32.1517



169.8610, -83.7415, -67.4071

Inverse Universe

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



30.4650, 35.2668, 28.5332



39.6800, 46.0068, 37.1146



40.7580, 24.2763, 53.7092



47.4670, 1.7418, 1.3444



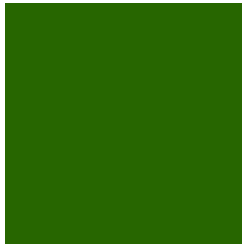
34.3390, 39.7659, 32.1517



72.4380, 83.5941, 68.0219

Previews

White Background



This preview shows how the YUV color 71.5350, -35.2668, -28.5332 looks on a white background.

Color Contrast Check

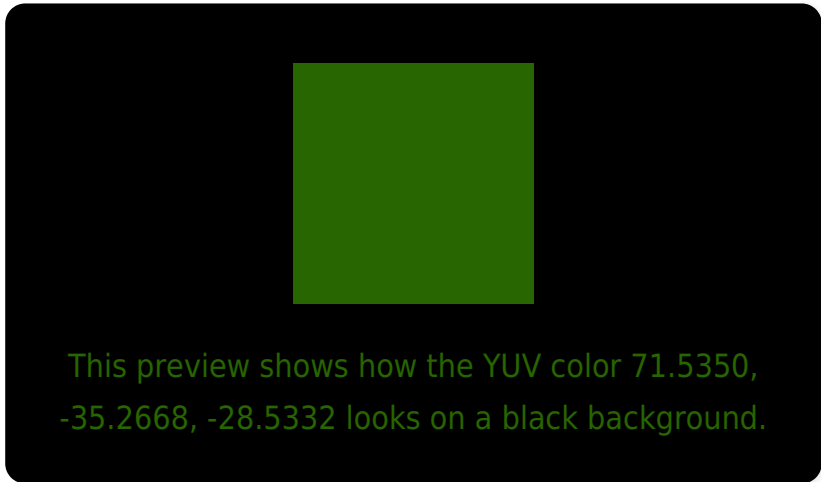
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.5350, -35.2668, -28.5332

Background



This preview shows how black text looks on a background with the YUV color 71.5350, -35.2668, -28.5332.



This preview shows how white text looks on a background with the YUV color 71.5350, -35.2668,

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

82.1430, -40.4965, 15.6606

Deuteranopia

84.8910, -31.4983, 22.8976

Tritanopia

84.1370, 8.8065, -24.6761

Trichromacy



Protanomaly

78.5000, -38.7005, -0.4385

Deuteranomaly

80.3140, -33.1858, 4.1096

Tritanomaly

79.8860, -7.3388, -26.2100

Monochromacy



Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.9050, -12.7712, -10.4407

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.5350, -35.2668, -28.5332 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(39, 102, 0)` looks like.

```
.text, #text, p{  
    color:rgb(39, 102, 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(39, 102, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 102, 0) }
```

Border

The CSS property to change the border of an element to YUV 71.5350, -35.2668, -28.5332 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(39, 102, 0) }
```

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

```
.border{ border-color:rgb(39, 102, 0) }
```

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

Here you see how a box with a 4 pixel rgb(39, 102, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 102, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 102, 0);  
box-shadow:4px 4px 4px 4px rgb(39, 102, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 71.5350, -35.2668, -28.5332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 102, 0) }
```

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

```
.background{ background-color: rgb(39, 102,  
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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