

Converting Colors

YUV(73.0030, -35.0045,
-19.2966)

Have a look what the booklet for
YUV(73.0030, -35.0045, -19.2966)
contains.

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Color

**YUV(73.0030, -35.0045,
-19.2966)**

Conversions

Conversions Part 1

Format	Color
Hex	336202
RGB	51, 98, 2
RGB Percent	20%, 38%, 1%
CMY	0.8000, 0.6157, 0.9922
CMYK	0.48, 0.00, 0.98, 0.62
HSL	89°, 96%, 20%
HSV	89°, 98%, 38%
XYZ	5.7439, 9.4436, 1.5775
YIQ	73.0030, 2.8040, -39.8200

Conversions

Conversions Part 2

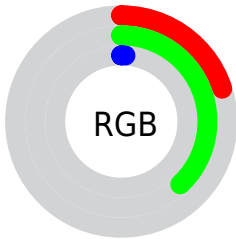
Format	Color
R_{YB}	2, 98, 49
Decimal	3367426
CIE _{Lab}	36.82, -31.48, 42.32
CIE _{LCh}	37, 52.745, 126.644
Yxy	9.4436, 0.3426, 0.5633
Android (android.graphics.Color)	4281557506 (0xFF336202)
YUV	73.0030, -35.0045, -19.2966
Hunter-Lab	30.7304, -20.4143, 18.4677

Details

The YUV color **73.0030, -35.0045, -19.2966** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **26.9970, 35.0045, 19.2966**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.8720, -32.9679, -19.1817**, and **29.9370, -14.7589, -26.2547** is the 20% darker color. If you saturate the color by 10%, you get **72.4760, -35.7307, -19.7115**, and if you desaturate by 10%, it is **75.6380, -31.3735, -17.2225**.

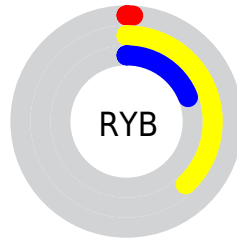
Distribution



Red (20%)

Green (38%)

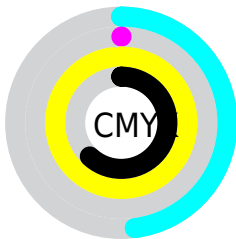
Blue (1%)



Red (1%)

Yellow (38%)

Blue (19%)

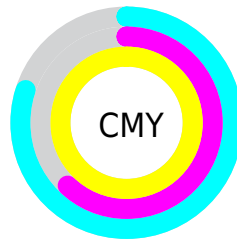


Cyan (48%)

Magenta (0%)

Yellow (98%)

Black (62%)



Cyan (80%)

Magenta (62%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.0030, -35.0045, -19.2966 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 73.0030, -35.0045, -19.2966 by changing the saturation by 10% instead.

■ 73.0030, -35.0045,
-19.2966

■ 73.0030, -35.0045,
-19.2966

■ 253.9740, -3.9312,
0.8998

■ 50.9130, -25.1001,
-22.7257

■ 124.8720,
-32.9679, -19.1817

■ 29.9370, -14.7589,
-26.2547

■ 151.6440,
-33.8415, -18.9818

■ 18.7840, -9.2605,
-16.4736

■ 179.0030,
-35.0045, -19.2966


■ 0.0000, 0.0000,
0.0000


■ 206.8890,
-35.4413, -19.1967


■ 231.8400,
-34.4311, -16.5227

■ 243.5890,


-26.9124, -1.3936


 250.6680,
-16.5983, 3.7992


 73.0030, -35.0045,
-19.2966


 73.0030, -35.0045,
-19.2966


 72.4760, -35.7307,
-19.7115

 75.6380, -31.3735,
-17.2225

 78.2730, -27.7426,
-15.1484

 80.4950, -24.4010,
-13.5891

 83.1300, -20.7701,
-11.5150

 85.7650, -17.1391,
-9.4409

■ 88.4000, -13.5082,
-7.3668

■ 91.0350, -9.8773,
-5.2927

■ 93.2570, -6.5357,
-3.7334

■ 95.8920, -2.9048,
-1.6593

Harmonies

Analogous

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



80.6590, -39.7649, 14.3311



73.0030, -35.0045, -19.2966



66.2750, -7.5306, -58.1232

Triad

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



73.0030, -35.0045, -19.2966



77.5100, 43.1326, -67.9763



78.8640, 0.0670, 72.0333

Complementary

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



73.0030, -35.0045, -19.2966



26.9970, 35.0045, 19.2966

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.



85.0260, 17.7352, 51.7202



73.0030, -35.0045, -19.2966



71.8510, 49.3735, -63.0133

Square

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



73.0030, -35.0045, -19.2966



77.2530, 29.4553, -67.7509



88.6490, 32.7110, 8.2008



80.6140, -21.0087, 65.2365

Rectangle

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



73.0030, -35.0045, -19.2966



70.7550, 4.5578, -62.0521



88.6490, 32.7110, 8.2008



80.1500, 6.3350, 68.2745

Sweetspot

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



73.0030, -35.0045, -19.2966



118.1010, -13.3608, -7.9816



57.7060, -27.4631, 35.3378



58.0890, -8.4249, -4.4631



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



73.0030, -35.0045, -19.2966



94.5710, -46.6235, -25.9338



58.9500, -28.0763, -48.1911



46.9460, -1.4524, -0.8296



82.7870, -40.8140, -22.6152



177.3580, -87.4375, -48.5490

Inverse Universe

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



26.9970, 35.0045, 19.2966



33.1300, 46.7709, 25.3190



41.0500, 28.0764, 48.1912



45.0540, 1.4524, 0.8296



29.2130, 40.8140, 22.6152



62.3430, 87.5849, 47.9342

Previews

White Background



This preview shows how the YUV color 73.0030, -35.0045, -19.2966 looks on a white background.

Color Contrast Check

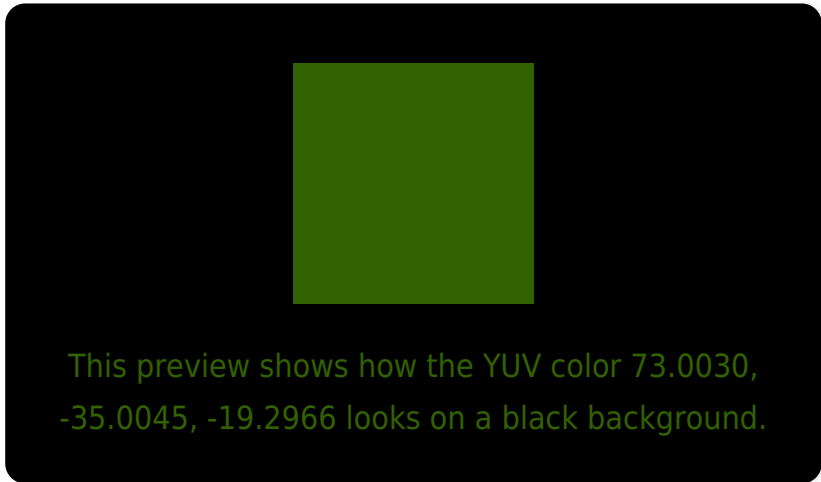
Large Text (above 18pt) WCAG AA ✓ Pass

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 73.0030, -35.0045, -19.2966

Background



This preview shows how black text looks on a background with the YUV color 73.0030, -35.0045, -19.2966.



This preview shows how white text looks on a background with the YUV color 73.0030, -35.0045,

-19.2966.

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

73.0030, -35.0045, -19.2966

Protanopia

80.3710, -39.6229, 15.4606

Deuteranopia

83.0050, -31.0615, 22.7976



Tritanopia

83.7250, 7.0376, -17.2988

Trichromacy



Original Color

73.0030, -35.0045, -19.2966

Protanomaly

77.7500, -37.8377, 2.8502

Deuteranomaly

79.4500, -32.7598, 7.4984

Tritanomaly

80.0010, -8.3815, -18.4179

Monochromacy



Original Color

73.0030, -35.0045, -19.2966

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9270, -12.7820, -6.9520

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.0030, -35.0045, -19.2966 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(51, 98, 2)` looks like.

```
.text, #text, p{  
    color:rgb(51, 98, 2)  
}
```

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(51, 98, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 98, 2) }
```

Border

The CSS property to change the border of an element to YUV 73.0030, -35.0045, -19.2966 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(51, 98, 2) }
```


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

```
.border{ border-color:rgb(51, 98, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 98, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 98, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(51, 98, 2); box-shadow:4px  
4px 4px 4px rgb(51, 98, 2) }
```

Background

The CSS property to change the background color of an element to YUV 73.0030, -35.0045, -19.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 98, 2) }
```

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

```
.background{ background-color: rgb(51, 98,  
2) }
```

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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