

Converting Colors

YUV(71.2350, -26.7379,
-10.7301)

Have a look what the booklet for
YUV(71.2350, -26.7379, -10.7301)
contains.

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Color

**YUV(71.2350, -26.7379,
-10.7301)**

Conversions

Conversions Part 1

Format	Color
Hex	3B5811
RGB	59, 88, 17
RGB Percent	23%, 35%, 7%
CMY	0.7686, 0.6549, 0.9333
CMYK	0.33, 0.00, 0.81, 0.65
HSL	85°, 68%, 21%
HSV	85°, 81%, 35%
XYZ	5.3945, 7.9497, 1.7804
YIQ	71.2350, 5.5070, -28.2290

Conversions

Conversions Part 2

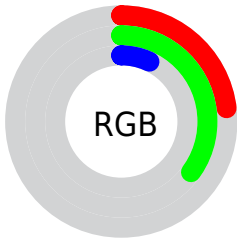
Format	Color
RYB	17, 88, 46
Decimal	3889169
CIELab	33.88, -22.84, 35.23
CIELCh	34, 41.989, 122.954
Yxy	7.9497, 0.3567, 0.5256
Android (android.graphics.Color)	4282079249 (0xFF3B5811)
YUV	71.2350, -26.7379, -10.7301
Hunter-Lab	28.1953, -15.1897, 15.9927

Details

The YUV color **71.2350, -26.7379, -10.7301** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **33.7650, 26.7379, 10.7301**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.0070, -27.6115, -10.5301**, and **27.6440, -13.6285, -15.4738** is the 20% darker color. If you saturate the color by 10%, you get **69.0130, -30.0794, -12.2894**, and if you desaturate by 10%, it is **73.4570, -23.3963, -9.1708**.

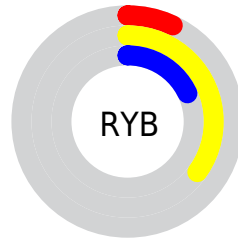
Distribution



Red (23%)

Green (35%)

Blue (7%)



Red (7%)

Yellow (35%)

Blue (18%)

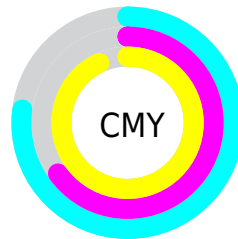


Cyan (33%)

Magenta (0%)

Yellow (81%)

Black (65%)



Cyan (77%)

Magenta (65%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.2350, -26.7379, -10.7301 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 71.2350, -26.7379, -10.7301 by changing the saturation by 10% instead.

■ 71.2350, -26.7379,
-10.7301

■ 71.2350, -26.7379,
-10.7301

■ 254.7720, -0.8736,
0.2000

■ 48.0330, -23.6803,
-11.4299

■ 121.0070,
-27.6115, -10.5301

■ 27.6440, -13.6285,
-15.4738

■ 147.4800,
-28.3376, -10.9450

■ 12.9140, -6.3666,
-11.3256

■ 174.2520,
-29.2112, -10.7450


■ 0.0000, 0.0000,
0.0000


■ 202.0240,
-30.0848, -10.5450


■ 229.9100,
-30.5216, -10.4451


■ 245.8820,


-24.5918, 0.9805


 251.4660,
-13.5407, 3.0993


 71.2350, -26.7379,
-10.7301


 71.2350, -26.7379,
-10.7301


 69.0130, -30.0794,
-12.2894


 73.4570, -23.3963,
-9.1708

 67.2040, -33.1316,
-13.3339

 75.3800, -19.9073,
-8.2263

 77.4880, -17.0026,
-6.5670

 79.4110, -13.5136,
-5.6224

 81.6330, -10.1721,
-4.0631

■ 83.8550, -6.8305,
-2.5038

■ 85.7780, -3.3416,
-1.5593

■ 87.8860, -0.4368,
0.1000

■ 89.8090, 3.0522,
1.0445

Harmonies

Analogous

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



74.2940, -36.1339, 16.4052



71.2350, -26.7379, -10.7301



60.0630, -5.9471, -52.6753

Triad

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



71.2350, -26.7379, -10.7301



69.2630, 34.3803, -60.7437



77.1560, 0.4161, 53.3602

Complementary

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



71.2350, -26.7379, -10.7301



33.7650, 26.7379, 10.7301

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.



80.8300, 14.8738, 36.1061



71.2350, -26.7379, -10.7301



65.3650, 39.7531, -57.3251

Square

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



71.2350, -26.7379, -10.7301



68.8750, 22.7396, -60.4034



81.1230, 27.0544, 2.5231



76.9050, -15.7292, 51.8263

Rectangle

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



71.2350, -26.7379, -10.7301



63.7450, 3.0837, -55.9044



81.1230, 27.0544, 2.5231



78.1000, 5.3737, 49.9013

Sweetspot

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



71.2350, -26.7379, -10.7301



108.5190, -10.6089, -3.9632



54.6650, -18.5688, 29.2348



54.9690, -6.3937, -2.6038



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



71.2350, -26.7379, -10.7301



88.4780, -42.1407, -17.0822



60.7700, -21.5786, -32.2473



42.2450, -1.5998, -0.2149



81.6460, -40.2515, -16.3525



179.5060, -88.4965, -35.5238

Inverse Universe

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



33.7650, 26.7379, 10.7301



29.5220, 42.1407, 17.0822



44.2300, 21.5786, 32.2473



40.0540, 1.4524, 0.8296



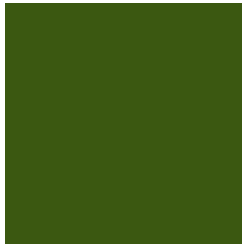
25.3540, 40.2515, 16.3525



55.4940, 88.4965, 35.5238

Previews

White Background



This preview shows how the YUV color 71.2350, -26.7379, -10.7301 looks on a white background.

Color Contrast Check

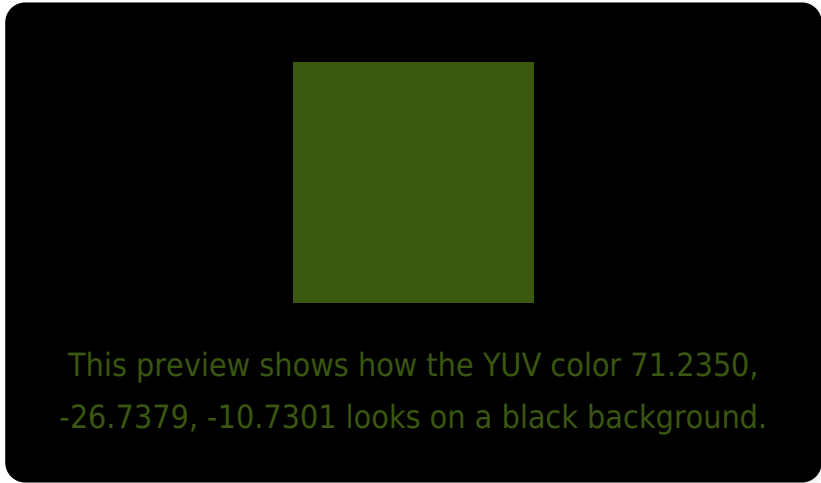
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.2350, -26.7379, -10.7301

Background



This preview shows how black text looks on a background with the YUV color 71.2350, -26.7379, -10.7301.



This preview shows how white text looks on a background with the YUV color 71.2350, -26.7379, -10.7301.

-10.7301.

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

71.2350, -26.7379, -10.7301

Protanopia

75.5800, -29.8659, 12.6463

Deuteranopia

76.5470, -26.3987, 20.5683



Tritanopia

78.4980, 4.6845, -9.2067

Trichromacy



Original Color

71.2350, -26.7379, -10.7301

Protanomaly

74.1660, -28.6758, 4.2394

Deuteranomaly

74.7690, -26.5081, 8.9726

Tritanomaly

75.8110, -6.8088, -9.4812

Monochromacy



Original Color

71.2350, -26.7379, -10.7301

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.0460, -9.8827, -3.5483

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.2350, -26.7379, -10.7301 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(59, 88, 17)` looks like.

```
.text, #text, p{  
    color:rgb(59, 88, 17)  
}
```

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(59, 88, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 88, 17) }
```

Border

The CSS property to change the border of an element to YUV 71.2350, -26.7379, -10.7301 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(59, 88, 17) }
```


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

```
.border{ border-color:rgb(59, 88, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 88, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 88, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 88, 17);  
box-shadow:4px 4px 4px 4px rgb(59, 88, 17)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.2350, -26.7379, -10.7301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 88, 17) }
```

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

```
.background{ background-color: rgb(59, 88,  
17) }
```

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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