

Converting Colors

YUV(70.3500, -11.0185,
-12.5849)

Have a look what the booklet for
YUV(70.3500, -11.0185, -12.5849)
contains.

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Color

**YUV(70.3500, -11.0185,
-12.5849)**

Conversions

Conversions Part 1

Format	Color
Hex	385230
RGB	56, 82, 48
RGB Percent	22%, 32%, 19%
CMY	0.7804, 0.6784, 0.8118
CMYK	0.32, 0.00, 0.41, 0.68
HSL	106°, 26%, 25%
HSV	106°, 41%, 32%
XYZ	5.1817, 7.0887, 3.8915
YIQ	70.3500, -4.5820, -16.0860

Conversions

Conversions Part 2

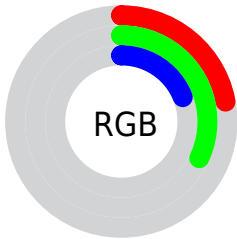
Format	Color
R_{YB}	48, 82, 74
Decimal	3691056
CIE _{Lab}	32.01, -17.34, 16.89
CIE _{LCh}	32, 24.210, 135.751
Y _{xy}	7.0887, 0.3206, 0.4386
Android (android.graphics.Color)	4281881136 (0xFF385230)
YUV	70.3500, -11.0185, -12.5849
Hunter-Lab	26.6247, -11.8536, 9.9715

Details

The YUV color **70.3500, -11.0185, -12.5849** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **59.6500, 11.0186, 12.5850**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.4100, -12.0341, -13.5146**, and **26.0190, -12.3344, -10.5407** is the 20% darker color. If you saturate the color by 10%, you get **67.6440, -13.6285, -15.4738**, and if you desaturate by 10%, it is **73.0560, -8.4086, -9.6961**.

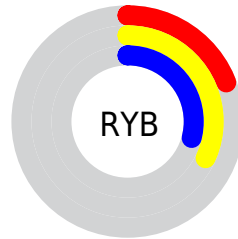
Distribution



Red (22%)

Green (32%)

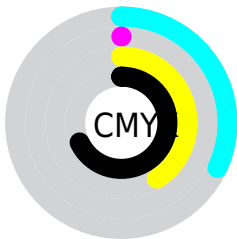
Blue (19%)



Red (19%)

Yellow (32%)

Blue (29%)

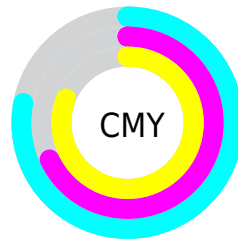


Cyan (32%)

Magenta (0%)

Yellow (41%)

Black (68%)



Cyan (78%)

Magenta (68%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.3500, -11.0185, -12.5849 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 70.3500, -11.0185, -12.5849 by changing the saturation by 10% instead.

■ 70.3500, -11.0185,
-12.5849

■ 70.3500, -11.0185,
-12.5849

255.0000, 0.0000,
0.0000

■ 47.5780, -10.1450,
-12.7849

■ 119.4100,
-12.0341, -13.5146

■ 26.0190, -12.3344,
-10.5407

■ 144.8830,
-12.7603, -13.9294

■ 7.6310, -3.7621,
-6.6924

■ 171.7690,
-13.1971, -13.8294

■ 0.0000, 0.0000,
0.0000

■ 198.7690,
-13.1971, -13.8294

■ 227.2420,
-13.9233, -14.2442

■ 247.0240, -9.8718,

-7.0370

■ 70.3500, -11.0185,
-12.5849

■ 70.3500, -11.0185,
-12.5849

■ 67.6440, -13.6285,
-15.4738

■ 73.0560, -8.4086,
-9.6961

■ 64.6390, -16.0910,
-18.9774

■ 76.0610, -5.9461,
-6.1925

■ 61.8190, -19.1378,
-21.7663

■ 78.8810, -2.8993,
-3.4036

■ 59.1130, -21.7477,
-24.6551

■ 81.5870, -0.2894,
-0.5148

■ 56.4070, -24.3577,
-27.5439

■ 84.2930, 2.3206,
2.3740

■ 53.8150, -26.5308,
-30.5328

■ 87.2980, 4.7831,
5.8777

■ 90.0040, 7.3930,
8.7665

■ 92.8240, 10.4398,
11.5554

■ 95.5300, 13.0497,
14.4442

Harmonies

Analogous

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



72.5540, -17.0351, 3.8991



70.3500, -11.0185, -12.5849



65.9760, -0.4812, -32.4280

Triad

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



70.3500, -11.0185, -12.5849



67.2030, 22.0849, -37.0120



76.2320, -5.0444, 31.3685

Complementary

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



70.3500, -11.0185, -12.5849



59.6500, 11.0186, 12.5850

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.



77.1910, 3.8498, 25.2655



70.3500, -11.0185, -12.5849



75.0430, 18.2198, -10.5617

Square

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



70.3500, -11.0185, -12.5849



60.9360, 20.2446, -53.4409



77.8670, 11.8976, 10.6406



75.1470, -12.8905, 27.9351

Rectangle

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



70.3500, -11.0185, -12.5849



58.7870, 9.4720, -51.5562



77.8670, 11.8976, 10.6406



76.6170, -2.2762, 30.1539

Sweetspot

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



70.3500, -11.0185, -12.5849



102.5280, -4.2043, -4.8481



73.4280, -12.5360, 7.5176



51.2940, -2.6099, -2.8888



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



70.3500, -11.0185, -12.5849



88.6990, -17.1066, -19.9070



68.8700, -6.3449, -18.3030



39.6470, -1.3050, -1.4444



69.1100, -34.0712, -38.6845



152.6290, -75.2461, -85.6206

Inverse Universe

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



59.6500, 11.0186, 12.5850



72.0020, 17.2540, 19.2922



61.1300, 6.3449, 18.3030



38.3530, 1.3050, 1.4444



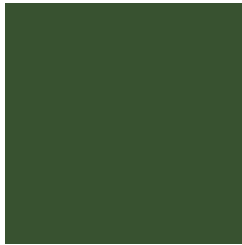
35.8900, 34.0712, 38.6845



79.3710, 75.2461, 85.6206

Previews

White Background



This preview shows how the YUV color 70.3500, -11.0185, -12.5849 looks on a white background.

Color Contrast Check

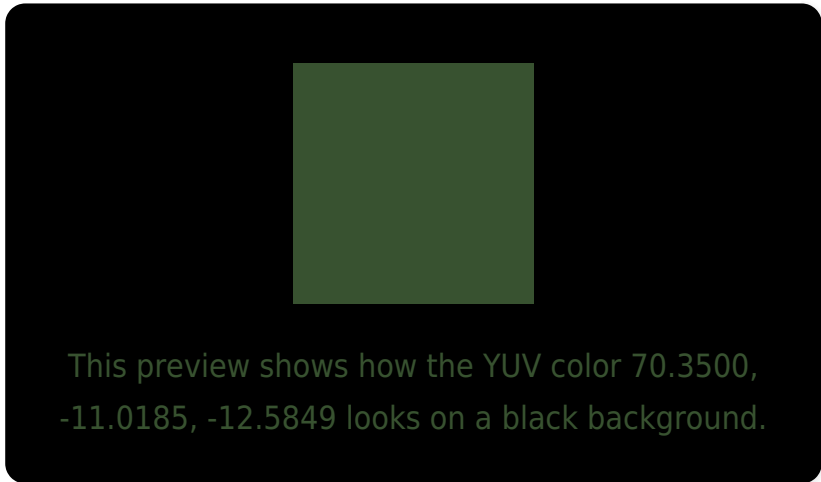
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.3500, -11.0185, -12.5849

Background



This preview shows how black text looks on a background with the YUV color 70.3500, -11.0185, -12.5849.



This preview shows how white text looks on a background with the YUV color 70.3500, -11.0185, -12.5849.

-12.5849.

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

70.3500, -11.0185, -12.5849

Protanopia

73.6730, -14.1358, 7.3028

Deuteranopia

74.8740, -12.2629, 13.2655



Tritanopia

73.9000, 4.9793, -10.4363

Trichromacy



Original Color

70.3500, -11.0185, -12.5849

Protanomaly

72.8570, -13.2405, 0.1254

Deuteranomaly

73.5200, -12.0884, 3.9290

Tritanomaly

72.4070, -0.6937, -10.8809

Monochromacy



Original Color

70.3500, -11.0185, -12.5849

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9410, -3.9149, -4.3333

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.3500, -11.0185, -12.5849 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(56, 82, 48)` looks like.

```
.text, #text, p{  
    color:rgb(56, 82, 48)  
}
```

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(56, 82, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 82, 48) }
```

Border

The CSS property to change the border of an element to YUV 70.3500, -11.0185, -12.5849 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(56, 82, 48) }
```


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

```
.border{ border-color:rgb(56, 82, 48) }
```

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

Here you see how a box with a 4 pixel rgb(56, 82, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 82, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 82, 48);  
box-shadow:4px 4px 4px 4px rgb(56, 82, 48)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.3500, -11.0185, -12.5849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 82, 48) }
```

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

```
.background{ background-color: rgb(56, 82,  
48) }
```

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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