

Converting Colors

YUV(70.5700, -34.7910, 5.6391)

Have a look what the booklet for
YUV(70.5700, -34.7910, 5.6391)
contains.

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Color

**YUV(70.5700, -34.7910,
5.6391)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5100
RGB	77, 81, 0
RGB Percent	30%, 32%, 0%
CMY	0.6980, 0.6824, 1.0000
CMYK	0.05, 0.00, 1.00, 0.68
HSL	63°, 100%, 16%
HSV	63°, 100%, 32%
XYZ	6.0030, 7.4626, 1.1240
YIQ	70.5700, 23.6170, -26.0390

Conversions

Conversions Part 2

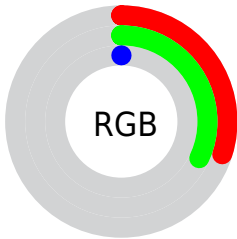
Format	Color
RYB	0, 81, 4
Decimal	5067008
CIELab	32.84, -11.39, 40.65
CIELCh	33, 42.220, 105.649
Yxy	7.4626, 0.4115, 0.5115
Android (android.graphics.Color)	4283257088 (0xFF4D5100)
YUV	70.5700, -34.7910, 5.6391
Hunter-Lab	27.3178, -8.5815, 16.6829

Details

The YUV color **70.5700, -34.7910, 5.6391** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **10.4300, 34.7910, -5.6391**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.9230, -33.4860, 7.0835**, and **30.0910, -14.8349, -1.8338** is the 20% darker color. If you saturate the color by 10%, you get **70.5700, -34.7910, 5.6391**, and if you desaturate by 10%, it is **71.4820, -31.2966, 4.8393**.

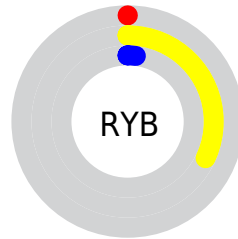
Distribution



Red (30%)

Green (32%)

Blue (0%)



Red (0%)

Yellow (32%)

Blue (2%)

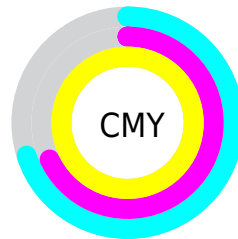


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (68%)



Cyan (70%)

Magenta (68%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.5700, -34.7910, 5.6391 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 70.5700, -34.7910, 5.6391 by changing the saturation by 10% instead.

70.5700, -34.7910,
5.6391

70.5700, -34.7910,
5.6391

253.1760, -6.9888,
1.5996

49.8930, -24.5972,
2.7248

120.9230,
-33.4860, 7.0835

30.0910, -14.8349,
-1.8338

147.1080,
-34.0702, 7.7983

9.9790, -4.9196,
-8.7516

174.1790,
-35.0912, 8.6130

0.0000, 0.0000,
0.0000


201.3640,
-35.6755, 9.3278


230.0220,
-36.9858, 9.6277


246.7920,


-31.4495, 7.1984


 249.9840,
-19.2191, 4.3990


 70.5700, -34.7910,
5.6391

 71.4820, -31.2966,
4.8393

 72.6930, -27.9496,
4.6542

 73.6050, -24.4553,
3.8544

 74.8160, -21.1083,
3.6694

 75.8420, -17.1771,
2.7696

■ 76.7540, -13.6827,
1.9697

■ 77.9650, -10.3357,
1.7847

■ 78.8770, -6.8414,
0.9849

■ 80.0880, -3.4944,
0.7998

Harmonies

Analogous

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



73.4250, -34.7195, 29.4453



70.5700, -34.7910, 5.6391



65.7970, -19.1269, -25.2550

Triad

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



70.5700, -34.7910, 5.6391



67.5530, 27.8284, -59.2440



76.4030, 9.1683, 46.1276

Complementary

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



70.5700, -34.7910, 5.6391



10.4300, 34.7910, -5.6391

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.



79.5550, 21.9114, 18.8073



70.5700, -34.7910, 5.6391



66.6700, 37.1377, -58.4696

Square

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



70.5700, -34.7910, 5.6391



65.3070, 14.1456, -57.2742



72.4720, 34.2773, -27.6009



73.7450, -6.2833, 55.4746

Rectangle

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



70.5700, -34.7910, 5.6391



58.8890, -5.3683, -51.6457



72.4720, 34.2773, -27.6009



77.7980, 13.4106, 38.7652

Sweetspot

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



70.5700, -34.7910, 5.6391



100.7540, -13.6827, 1.9697



25.9800, -12.8081, 48.2525



51.4210, -8.5886, 1.3848



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.



70.5700, -34.7910, 5.6391



91.2360, -44.9793, 6.8090



58.9090, -29.0421, -18.3372



40.5440, -1.7472, 0.3999



202.2630, -99.7157, 16.4323

Inverse Universe

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



10.4300, 34.7910, -5.6391



13.4650, 45.1268, -7.4238



22.0910, 29.0421, 18.3372



37.4560, 1.7472, -0.3999



29.7370, 99.7157, -16.4323

Previews

White Background



This preview shows how the YUV color 70.5700, -34.7910, 5.6391 looks on a white background.

Color Contrast Check

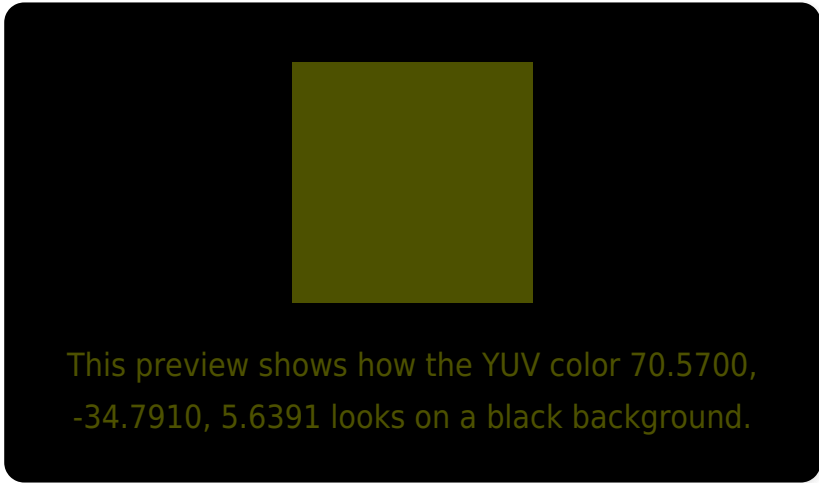
Large Text (above 18pt) WCAG AA ✓ Pass

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

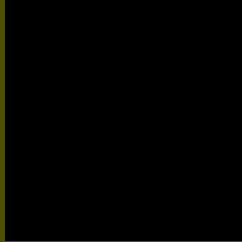
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.5700, -34.7910, 5.6391

Background



This preview shows how black text looks on a background with the YUV color 70.5700, -34.7910, 5.6391.



This preview shows how white text looks on a background with the YUV color 70.5700, -34.7910,

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

70.5700, -34.7910, 5.6391

Protanopia

71.7990, -35.3969, 13.3313

Deuteranopia

73.6350, -29.8931, 21.3681



Tritanopia

78.0760, 1.4415, 4.3183

Trichromacy



Original Color

70.5700, -34.7910, 5.6391

Protanomaly

71.1900, -35.0967, 10.3574

Deuteranomaly

72.4340, -31.7660, 15.4054

Tritanomaly

75.3460, -11.5096, 4.9586

Monochromacy



Original Color

70.5700, -34.7910, 5.6391

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.9820, -12.8091, 1.7698

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.5700, -34.7910, 5.6391 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(77, 81, 0)` looks like.

```
.text, #text, p{  
    color:rgb(77, 81, 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(77, 81, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 81, 0) }
```

Border

The CSS property to change the border of an element to YUV 70.5700, -34.7910, 5.6391 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(77, 81, 0) }
```

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

```
.border{ border-color:rgb(77, 81, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 81, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 81, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(77, 81, 0); box-shadow:4px  
4px 4px 4px rgb(77, 81, 0) }
```

Background

The CSS property to change the background color of an element to YUV 70.5700, -34.7910, 5.6391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 81, 0) }
```

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

```
.background{ background-color: rgb(77, 81,  
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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