

Converting Colors

YUV(67.3600, -6.0935, -5.5777)

Have a look what the booklet for
YUV(67.3600, -6.0935, -5.5777)
contains.

YUV(67.3600, -6.0935, -5.5777)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(67.3600, -6.0935,
-5.5777)**

Conversions

Conversions Part 1

Format	Color
Hex	3D4937
RGB	61, 73, 55
RGB Percent	24%, 29%, 22%
CMY	0.7608, 0.7137, 0.7843
CMYK	0.16, 0.00, 0.25, 0.71
HSL	100°, 14%, 25%
HSV	100°, 25%, 29%
XYZ	4.9966, 6.0330, 4.5156
YIQ	67.3600, -1.3740, -8.1420

Conversions

Conversions Part 2

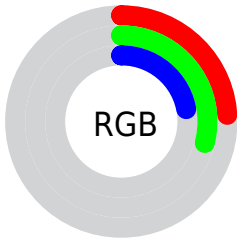
Format	Color
RYB	55, 73, 67
Decimal	4016439
CIELab	29.50, -8.80, 9.21
CIELCh	29, 12.738, 133.677
Yxy	6.0330, 0.3214, 0.3881
Android (android.graphics.Color)	4282206519 (0xFF3D4937)
YUV	67.3600, -6.0935, -5.5777
Hunter-Lab	24.5622, -6.6723, 6.2935

Details

The YUV color **67.3600, -6.0935, -5.5777** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **60.6400, 6.0935, 5.5777**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.8330, -6.8197, -5.9925**, and **24.0720, -5.9515, -4.4481** is the 20% darker color. If you saturate the color by 10%, you get **65.0670, -8.4140, -7.9518**, and if you desaturate by 10%, it is **69.6530, -3.7729, -3.2037**.

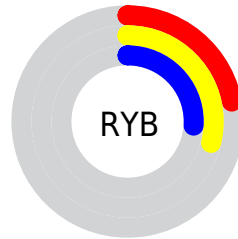
Distribution



Red (24%)

Green (29%)

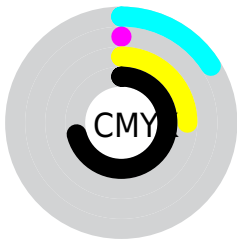
Blue (22%)



Red (22%)

Yellow (29%)

Blue (26%)

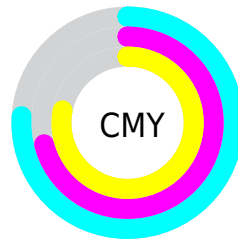


Cyan (16%)

Magenta (0%)

Yellow (25%)

Black (71%)



Cyan (76%)

Magenta (71%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.3600, -6.0935, -5.5777 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 67.3600, -6.0935, -5.5777 by changing the saturation by 10% instead.

■ 67.3600, -6.0935,
-5.5777

■ 67.3600, -6.0935,
-5.5777

255.0000, 0.0000,
0.0000

■ 44.8870, -5.3673,
-5.1629

■ 115.8330, -6.8197,
-5.9925

■ 24.0720, -5.9515,
-4.4481

■ 140.8330, -6.8197,
-5.9925

■ 0.0000, 0.0000,
0.0000

■ 167.4200, -7.1091,
-6.5073

■ 194.4200, -7.1091,
-6.5073

■ 222.3060, -7.5459,
-6.4074

■ 249.1320, -6.9671,

-5.3778

■ 67.3600, -6.0935,
-5.5777

■ 67.3600, -6.0935,
-5.5777

■ 65.0670, -8.4140,
-7.9518

■ 69.6530, -3.7729,
-3.2037

■ 62.6600, -11.1714,
-10.2258

■ 72.0600, -1.0156,
-0.9296

■ 60.3670, -13.4919,
-12.5999

■ 74.3530, 1.3050,
1.4444

■ 58.3730, -15.9599,
-14.3591

■ 76.3470, 3.7729,
3.2037

■ 56.0800, -18.2804,
-16.7332

■ 78.7540, 6.5303,
5.4777

■ 53.6730, -21.0378,
-19.0072

■ 81.0470, 8.8508,
7.8518

■ 51.3800, -23.3583,
-21.3813

■ 83.3400, 11.1714,
10.2258

■ 50.0270, -24.6633,
-22.8257

■ 85.6330, 13.4919,
12.5999

■ 88.0400, 16.2493,
14.8739

Harmonies

Analogous

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



68.3180, -9.0308, 3.2291



67.3600, -6.0935, -5.5777



66.2710, -1.1196, -14.2697

Triad

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



67.3600, -6.0935, -5.5777



67.5450, 10.0843, -14.5100



70.7140, -2.8170, 16.9138

Complementary

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



67.3600, -6.0935, -5.5777



60.6400, 6.0935, 5.5777

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.



71.2450, 1.8512, 12.9401



67.3600, -6.0935, -5.5777



69.7850, 9.4730, -5.0734

Square

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



67.3600, -6.0935, -5.5777



65.4580, 8.6482, -20.5727



70.7540, 6.5303, 5.4777



70.2640, -7.0322, 15.5545

Rectangle

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



67.3600, -6.0935, -5.5777



65.1610, 2.3856, -18.5582



70.7540, 6.5303, 5.4777



70.8710, -0.9224, 15.8991

Sweetspot

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



67.3600, -6.0935, -5.5777



92.1200, -2.0312, -1.8592



67.4260, -6.1260, 4.8884



47.0600, -1.0156, -0.9296



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



67.3600, -6.0935, -5.5777



85.1270, -9.4296, -8.8814



65.9080, -3.8986, -9.5663



34.6470, -1.3050, -1.4444



67.9800, -33.5141, -30.6775



155.9730, -76.8947, -70.1363

Inverse Universe

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



60.6400, 6.0935, 5.5777



74.8730, 9.4296, 8.8814



62.0920, 3.8986, 9.5663



33.3530, 1.3050, 1.4444



31.0200, 33.5141, 30.6775



71.0270, 76.8947, 70.1363

Previews

White Background



This preview shows how the YUV color 67.3600, -6.0935, -5.5777 looks on a white background.

Color Contrast Check

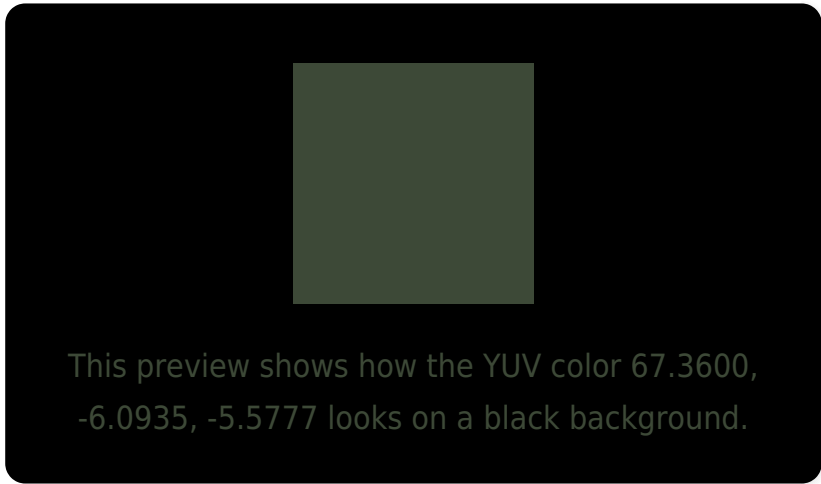
Large Text (above 18pt) WCAG AA ✓ Pass

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

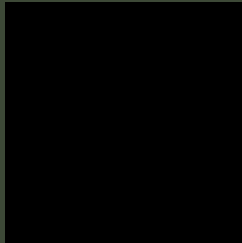
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.3600, -6.0935, -5.5777

Background



This preview shows how black text looks on a background with the YUV color 67.3600, -6.0935, -5.5777.



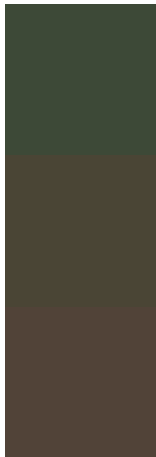
This preview shows how white text looks on a background with the YUV color 67.3600, -6.0935,

-5.5777.

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

67.3600, -6.0935, -5.5777

Protanopia

68.6710, -7.7258, 4.6735

Deuteranopia

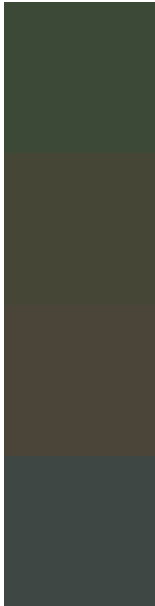
69.9320, -6.8685, 9.7066



Tritanopia

68.8900, 3.5052, -4.2885

Trichromacy



Original Color

67.3600, -6.0935, -5.5777

Protanomaly

67.8770, -6.8414, 0.9849

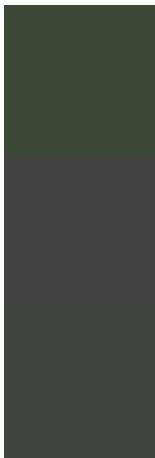
Deuteranomaly

69.0130, -6.4154, 4.3736

Tritanomaly

68.2660, -0.1311, -4.6183

Monochromacy



Original Color

67.3600, -6.0935, -5.5777

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.1200, -2.0312, -1.8592

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.3600, -6.0935, -5.5777 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(61, 73, 55)` looks like.

```
.text, #text, p{  
    color:rgb(61, 73, 55)  
}
```

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(61, 73, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 73, 55) }
```

Border

The CSS property to change the border of an element to YUV 67.3600, -6.0935, -5.5777 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(61, 73, 55) }
```


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

```
.border{ border-color:rgb(61, 73, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 73, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 73, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 73, 55);  
box-shadow:4px 4px 4px 4px rgb(61, 73, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.3600, -6.0935, -5.5777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 73, 55) }
```

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

```
.background{ background-color: rgb(61, 73,  
55) }
```

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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