

Converting Colors

YUV(38.0500, -5.4477, 67.4851)

Have a look what the booklet for
YUV(38.0500, -5.4477, 67.4851)
contains.

YUV(38.0500, -5.4477, 67.4851)	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(38.0500, -5.4477,
67.4851)**

Conversions

Conversions Part 1

Format	Color
Hex	73011B
RGB	115, 1, 27
RGB Percent	45%, 0%, 11%
CMY	0.5490, 0.9961, 0.8941
CMYK	0.00, 0.99, 0.77, 0.55
HSL	346°, 98%, 23%
HSV	346°, 99%, 45%
XYZ	7.2789, 3.7457, 1.3763
YIQ	38.0500, 59.5980, 32.2540

Conversions

Conversions Part 2

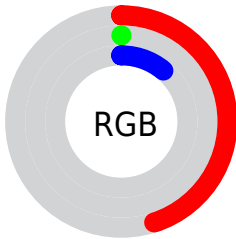
Format	Color
RYB	115, 1, 27
Decimal	7536923
CIELab	22.81, 45.04, 20.33
CIELCh	23, 49.412, 24.294
Yxy	3.7457, 0.5870, 0.3021
Android (android.graphics.Color)	4285727003 (0xFF73011B)
YUV	38.0500, -5.4477, 67.4851
Hunter-Lab	19.3538, 33.2645, 9.3315

Details

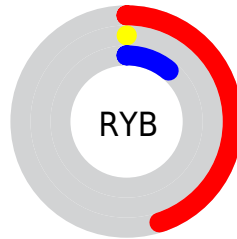
The YUV color **38.0500, -5.4477, 67.4851** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **77.9500, 5.4476, -67.4852**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.2750, -13.4466, 66.4108**, and **18.0540, -8.4076, 36.7866** is the 20% darker color. If you saturate the color by 10%, you get **37.3490, -5.5951, 68.0999**, and if you desaturate by 10%, it is **45.5330, -4.6998, 60.9226**.

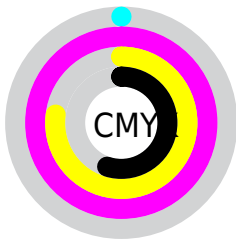
Distribution



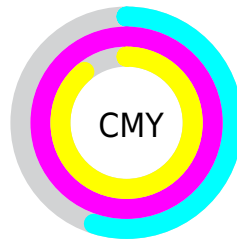
- Red (45%)
- Green (0%)
- Blue (11%)



- Red (45%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (99%)
- Yellow (77%)
- Black (55%)



- Cyan (55%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.0500, -5.4477, 67.4851 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 38.0500, -5.4477, 67.4851 by changing the saturation by 10% instead.

■ 38.0500, -5.4477,
67.4851

■ 38.0500, -5.4477,
67.4851

■ 254.8860, -0.4368,
0.1000

■ 26.1270, -12.3876,
53.3856

■ 97.2750, -13.4466,
66.4108

■ 18.0540, -8.4076,
36.7866

■ 124.2430,
-14.9098, 69.0699

■ 8.1870, -3.5432,
16.4990

■ 151.7980,
-16.6624, 71.2142


■ 0.0000, 0.0000,
0.0000


■ 177.1890,
-16.3622, 68.2402


■ 196.0020,
-12.8190, 51.7412


■ 215.6300, -8.6916,


34.5275


 235.8450, -4.8536,
16.7989


 38.0500, -5.4477,
67.4851


 38.0500, -5.4477,
67.4851


 37.3490, -5.5951,
68.0999

 45.5330, -4.6998,
60.9226

 53.6030, -4.2413,
53.8452

 61.0860, -3.4934,
47.2826

 69.1560, -3.0349,
40.2052

 77.1120, -3.0132,
33.2278

■ 84.5950, -2.2653,
26.6652

■ 92.6650, -1.8068,
19.5878

■ 100.1480, -1.0590,
13.0252

■ 108.2180, -0.6005,
5.9478

Harmonies

Analogous

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



41.2680, 10.7139, 63.7860



38.0500, -5.4477, 67.4851



48.6840, -24.0012, 45.0041

Triad

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



38.0500, -5.4477, 67.4851



39.6710, -18.0788, -34.7915



51.1000, 38.4047, -44.8147

Complementary

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



38.0500, -5.4477, 67.4851



77.9500, 5.4476, -67.4852

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.



53.0260, 30.5532, -46.5038



38.0500, -5.4477, 67.4851



45.7470, 0.1247, -40.1201

Square

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



38.0500, -5.4477, 67.4851



47.4680, -23.4017, -7.4264



50.6660, 16.4337, -44.4341



49.6730, 36.1502, -21.6382

Rectangle

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



38.0500, -5.4477, 67.4851



52.1180, -25.6942, 27.9605



50.6660, 16.4337, -44.4341



51.9320, 36.5155, -45.5444

Sweetspot

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



38.0500, -5.4477, 67.4851



119.7090, -1.8285, 26.5652



40.0090, 36.9706, 42.0881



58.0560, -1.5066, 16.6139



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



38.0500, -5.4477, 67.4851



48.7260, -7.2599, 88.8173



52.6960, -25.4861, 54.6406



54.9080, -0.4476, 3.5887



39.6700, -5.7533, 72.2034



81.2480, -11.9543, 147.9955

Inverse Universe

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



38.0500, -5.4477, 67.4851



48.7260, -7.2599, 88.8173



63.3040, 25.4861, -54.6406



54.9080, -0.4476, 3.5887



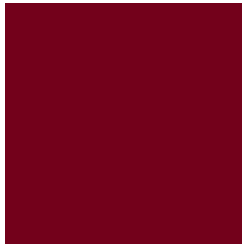
39.6700, -5.7533, 72.2034



81.2480, -11.9543, 147.9955

Previews

White Background



This preview shows how the YUV color 38.0500, -5.4477, 67.4851 looks on a white background.

Color Contrast Check

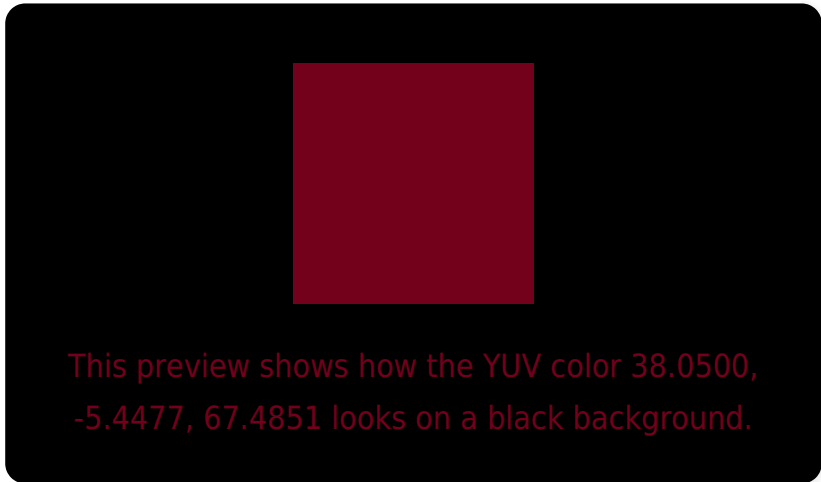
Large Text (above 18pt) WCAG AA ✓ Pass

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

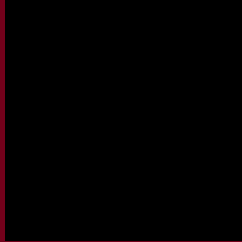
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.0500, -5.4477, 67.4851

Background



This preview shows how black text looks on a background with the YUV color 38.0500, -5.4477, 67.4851.



This preview shows how white text looks on a background with the YUV color 38.0500, -5.4477,

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

38.0500, -5.4477, 67.4851

Protanopia

57.5570, -8.1626, 4.7735

Deuteranopia

56.3920, -17.9413, 14.5652



Tritanopia

41.5260, -17.5143, 64.4367

Trichromacy



Original Color

38.0500, -5.4477, 67.4851

Protanomaly

50.3410, -7.0701, 27.7649

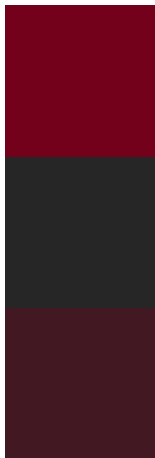
Deuteranomaly

49.4790, -13.0541, 33.7829

Tritanomaly

40.0900, -12.8624, 65.6961

Monochromacy



Original Color

38.0500, -5.4477, 67.4851

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.2850, -2.1125, 24.3061

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.0500, -5.4477, 67.4851 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(115, 1, 27)` looks like.

```
.text, #text, p{  
    color:rgb(115, 1, 27)  
}
```

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(115, 1, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 1, 27) }
```

Border

The CSS property to change the border of an element to YUV 38.0500, -5.4477, 67.4851 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(115, 1, 27) }
```


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

```
.border{ border-color:rgb(115, 1, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 1, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 1, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 1, 27);  
box-shadow:4px 4px 4px 4px rgb(115, 1, 27)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.0500, -5.4477, 67.4851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 1, 27) }
```

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

```
.background{ background-color: rgb(115, 1,  
27) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor