

Converting Colors

YUV(68.1500, 5.8421, -7.1475)

Have a look what the booklet for
YUV(68.1500, 5.8421, -7.1475)
contains.

YUV(68.1500, 5.8421, -7.1475)	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(68.1500, 5.8421,
-7.1475)**

Conversions

Conversions Part 1

Format	Color
Hex	3C4650
RGB	60, 70, 80
RGB Percent	24%, 27%, 31%
CMY	0.7647, 0.7255, 0.6863
CMYK	0.25, 0.12, 0.00, 0.69
HSL	210°, 14%, 27%
HSV	210°, 25%, 31%
XYZ	5.5016, 5.9202, 8.4422
YIQ	68.1500, -9.1700, 0.9900

Conversions

Conversions Part 2

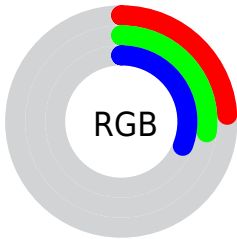
Format	Color
RYB	60, 67, 80
Decimal	3950160
CIELab	29.21, -1.46, -7.33
CIElCh	29, 7.478, 258.759
Yxy	5.9202, 0.2770, 0.2980
Android (android.graphics.Color)	4282140240 (0xFF3C4650)
YUV	68.1500, 5.8421, -7.1475
Hunter-Lab	24.3314, -2.2190, -3.5396

Details

The YUV color **68.1500, 5.8421, -7.1475** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **71.8500, -5.8420, 7.1476**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.2640, 6.2788, -7.2475**, and **25.0360, 5.4053, -7.0476** is the 20% darker color. If you saturate the color by 10%, you get **63.4100, 8.1789, -10.0066**, and if you desaturate by 10%, it is **72.8900, 3.5052, -4.2885**.

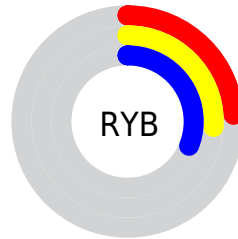
Distribution



Red (24%)

Green (27%)

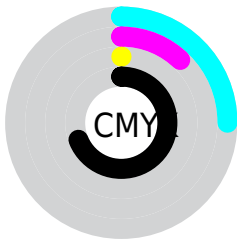
Blue (31%)



Red (24%)

Yellow (26%)

Blue (31%)

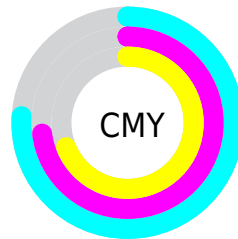


Cyan (25%)

Magenta (12%)

Yellow (0%)

Black (69%)



Cyan (76%)

Magenta (73%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.1500, 5.8421, -7.1475 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 68.1500, 5.8421, -7.1475 by changing the saturation by 10% instead.

■ 68.1500, 5.8421,
-7.1475

■ 68.1500, 5.8421,
-7.1475

■ 255.0000, 0.0000,
0.0000

■ 46.0360, 5.4053,
-7.0476

■ 116.2640, 6.2788,
-7.2475

■ 25.0360, 5.4053,
-7.0476

■ 141.9650, 6.4263,
-7.8623

■ 2.1830, 5.8258,
-1.9145

■ 168.0790, 6.8631,
-7.9623

■ 0.0000, 0.0000,
0.0000

■ 195.7800, 7.0105,
-8.5771

■ 223.7800, 7.0105,
-8.5771

■ 250.8250, 2.0583,

-6.8625

■ 68.1500, 5.8421,
-7.1475

■ 68.1500, 5.8421,
-7.1475

■ 63.4100, 8.1789,
-10.0066

■ 72.8900, 3.5052,
-4.2885

■ 58.6700, 10.5157,
-12.8656

■ 77.6300, 1.1684,
-1.4295

■ 53.9300, 12.8525,
-15.7246

■ 82.3700, -1.1684,
1.4295

■ 49.1900, 15.1893,
-18.5836

■ 87.1100, -3.5052,
4.2885

■ 44.4500, 17.5261,
-21.4427

■ 91.8500, -5.8420,
7.1476

■ 39.7100, 19.8630,
-24.3017

■ 96.5900, -8.1789,
10.0066

■ 34.9700, 22.1998,
-27.1607

■ 101.3300,
-10.5157, 12.8656

■ 32.6000, 23.3682,
-28.5902

■ 106.0700,
-12.8525, 15.7246

■ 110.8100,
-15.1893, 18.5836

Harmonies

Analogous

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



66.9000, 4.9793, -10.4363



68.1500, 5.8421, -7.1475



69.0690, 5.3890, -1.8145

Triad

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



68.1500, 5.8421, -7.1475



69.7840, -2.3585, 9.8364



67.4680, -3.1887, -3.9184

Complementary

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



68.1500, 5.8421, -7.1475



71.8500, -5.8420, 7.1476

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.



68.6320, -5.2416, 1.1997



68.1500, 5.8421, -7.1475



69.5020, -4.6845, 9.2067

Square

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



68.1500, 5.8421, -7.1475



69.8700, 0.5571, 8.0070



69.2520, -5.5472, 5.9180



66.8310, -0.4097, -8.6218

Rectangle

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



68.1500, 5.8421, -7.1475



69.7490, 4.0677, 1.9741



69.2520, -5.5472, 5.9180



67.9520, -3.9203, -2.5889

Sweetspot

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



68.1500, 5.8421, -7.1475



99.3740, 2.7736, -2.9590



72.8800, -1.4198, -11.2958



50.4450, 1.7526, -2.1443



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.



68.1500, 5.8421, -7.1475



86.0400, 9.3473, -11.4361



62.2800, 8.7360, -1.9996



38.6300, 1.1684, -1.4295



42.4940, 30.8155, -37.2672



94.5400, 67.7678, -82.9116

Inverse Universe

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



67.1200, 1.4198, 11.2958



84.3920, 2.2717, 18.0732



77.7200, -8.7360, 1.9996



38.4240, 0.2840, 2.2592



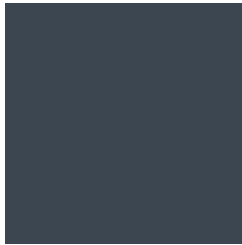
37.3230, 7.2358, 59.3527



82.5920, 16.4701, 131.0308

Previews

White Background



This preview shows how the YUV color 68.1500, 5.8421, -7.1475 looks on a white background.

Color Contrast Check

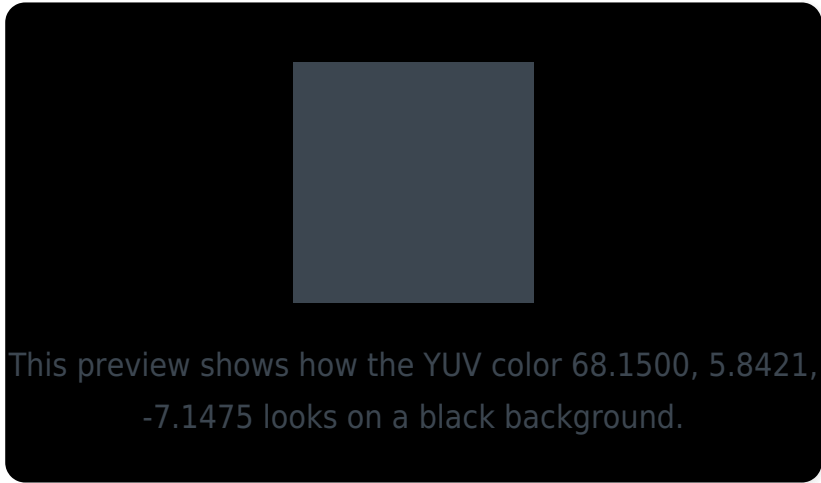
Large Text (above 18pt) WCAG AA ✓ Pass

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

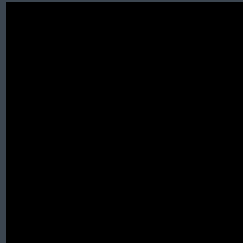
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

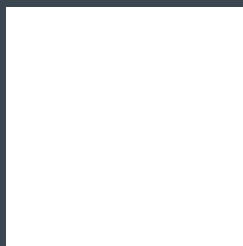
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 68.1500, 5.8421, -7.1475

Background



This preview shows how black text looks on a background with the YUV color 68.1500, 5.8421, -7.1475.



This preview shows how white text looks on a background with the YUV color 68.1500, 5.8421, -7.1475.

-7.1475.

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

68.1500, 5.8421, -7.1475

Protanopia

68.9550, 4.9522, -1.7145

Deuteranopia

69.4930, 5.6730, 0.4446



Tritanopia

67.9820, 3.9529, -7.8772

Trichromacy



Original Color

68.1500, 5.8421, -7.1475

Protanomaly

68.6450, 5.1050, -4.0737

Deuteranomaly

68.8840, 5.9732, -2.5293

Tritanomaly

68.0960, 4.3897, -7.9772

Monochromacy



Original Color

68.1500, 5.8421, -7.1475

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.1460, 1.9000, -2.7590

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.1500, 5.8421, -7.1475 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(60, 70, 80)` looks like.

```
.text, #text, p{  
    color:rgb(60, 70, 80)  
}
```

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(60, 70, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 70, 80) }
```

Border

The CSS property to change the border of an element to YUV 68.1500, 5.8421, -7.1475 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(60, 70, 80) }
```


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

```
.border{ border-color:rgb(60, 70, 80) }
```

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

Here you see how a box with a 4 pixel rgb(60, 70, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 70, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 70, 80);  
box-shadow:4px 4px 4px 4px rgb(60, 70, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.1500, 5.8421, -7.1475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 70, 80) }
```

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

```
.background{ background-color: rgb(60, 70,  
80) }
```

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