

Converting Colors

YUV(68.1620, 4.3571, 2.4889)

Have a look what the booklet for
YUV(68.1620, 4.3571, 2.4889)
contains.

YUV(68.1620, 4.3571, 2.4889)	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(68.1620, 4.3571,
2.4889)**

Conversions

Conversions Part 1

Format	Color
Hex	47414D
RGB	71, 65, 77
RGB Percent	28%, 25%, 30%
CMY	0.7216, 0.7451, 0.6980
CMYK	0.08, 0.16, 0.00, 0.70
HSL	270°, 8%, 28%
HSV	270°, 16%, 30%
XYZ	5.8284, 5.6560, 7.8057
YIQ	68.1620, -0.2760, 5.0040

Conversions

Conversions Part 2

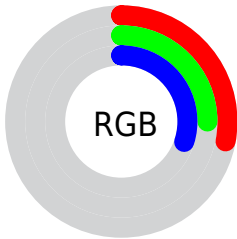
Format	Color
R_{YB}	71, 65, 77
Decimal	4669773
CIE Lab	28.53, 5.24, -6.31
CIE LCh	29, 8.204, 309.703
Yxy	5.6560, 0.3021, 0.2932
Android (android.graphics.Color)	4282859853 (0xFF47414D)
YUV	68.1620, 4.3571, 2.4889
Hunter-Lab	23.7824, 2.1262, -2.8122

Details

The YUV color **68.1620, 4.3571, 2.4889** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **73.8380, -4.3571, -2.4889**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.2760, 4.7939, 2.3889**, and **25.6350, 3.6309, 2.0741** is the 20% darker color. If you saturate the color by 10%, you get **62.2700, 7.2619, 4.1482**, and if you desaturate by 10%, it is **74.0540, 1.4524, 0.8296**.

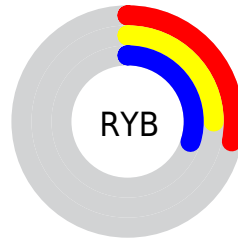
Distribution



 Red (28%)

 Green (25%)

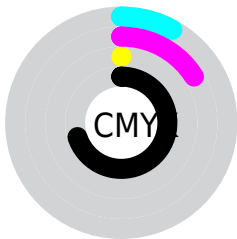
 Blue (30%)



 Red (28%)

 Yellow (25%)

 Blue (30%)

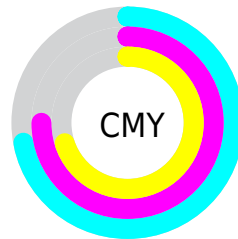


 Cyan (8%)

 Magenta (16%)

 Yellow (0%)

 Black (70%)



 Cyan (72%)

 Magenta (75%)

 Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.1620, 4.3571, 2.4889 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 68.1620, 4.3571, 2.4889 by changing the saturation by 10% instead.

■ 68.1620, 4.3571,
2.4889

■ 68.1620, 4.3571,
2.4889

■ 255.0000, 0.0000,
0.0000

■ 46.0480, 3.9203,
2.5889

■ 116.2760, 4.7939,
2.3889

■ 25.6350, 3.6309,
2.0741

■ 141.6890, 5.0833,
2.9037

■ 1.0260, 3.9312,
-0.8998

■ 168.1020, 5.3727,
3.4185

■ 0.0000, 0.0000,
0.0000

■ 195.6890, 5.0833,
2.9037

■ 223.1020, 5.3727,
3.4185

■ 250.8910, 2.0257,

3.6036

■ 68.1620, 4.3571,
2.4889

■ 68.1620, 4.3571,
2.4889

■ 62.2700, 7.2619,
4.1482

■ 74.0540, 1.4524,
0.8296

■ 56.9650, 9.8773,
5.2927

■ 79.3590, -1.1630,
-0.3148

■ 51.0730, 12.7820,
6.9520

■ 85.2510, -4.0677,
-1.9741

■ 45.4800, 15.5394,
9.2260

■ 90.8440, -6.8251,
-4.2482

■ 40.1750, 18.1547,
10.3705

■ 96.1490, -9.4405,
-5.3927

■ 34.2830, 21.0595,
12.0298

■ 102.0410,
-12.3452, -7.0520

■ 28.3910, 23.9642,
13.6891

■ 107.9330,
-15.2500, -8.7112

■ 22.4990, 26.8690,
15.3484

■ 113.8250,
-18.1547, -10.3705

■ 20.4390, 27.8846,
16.2780

■ 119.1300,
-20.7701, -11.5150

Harmonies

Analogous

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



67.2860, 6.2680, -3.7588



68.1620, 4.3571, 2.4889



68.2120, 1.8675, 7.7071

Triad

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



68.1620, 4.3571, 2.4889



67.2630, -5.5527, 7.6623



65.0910, 1.9271, -11.4808

Complementary

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



68.1620, 4.3571, 2.4889



73.8380, -4.3571, -2.4889

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.



65.6030, -1.2833, -8.4218



68.1620, 4.3571, 2.4889



66.5290, -5.6838, 3.0441

Square

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



68.1620, 4.3571, 2.4889



68.2140, -4.5425, 10.3363



65.8380, -4.3571, -2.4889



64.8890, 4.9847, -12.1807

Rectangle

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



68.1620, 4.3571, 2.4889



68.6530, -0.3219, 9.9513



65.8380, -4.3571, -2.4889



65.1620, 0.9061, -10.6661

Sweetspot

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



68.1620, 4.3571, 2.4889



95.4670, 1.7418, 1.3444



69.8900, 3.5052, -4.2885



48.6410, 1.1630, 0.3148



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



68.1620, 4.3571, 2.4889



85.7430, 6.5357, 3.7334



69.9560, 3.4727, 6.1776



35.0540, 1.4524, 0.8296



26.8770, 37.0356, 21.1559



60.6050, 83.5117, 47.7044

Inverse Universe

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



69.2720, 0.8519, 6.7775



87.4080, 1.2779, 10.1662



72.0440, -3.4727, -6.1776



35.4240, 0.2840, 2.2592



36.3120, 7.2412, 57.6084



81.8800, 16.3282, 129.9012

Previews

White Background



This preview shows how the YUV color 68.1620, 4.3571, 2.4889 looks on a white background.

Color Contrast Check

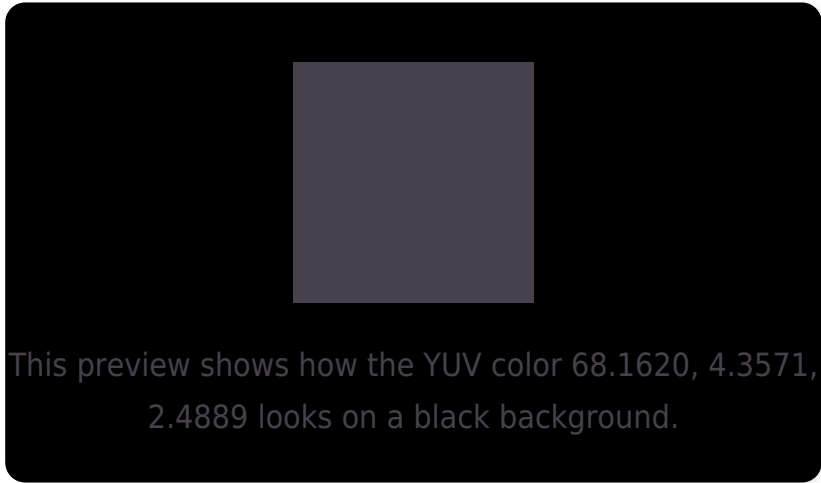
Large Text (above 18pt) WCAG AA ✓ Pass

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

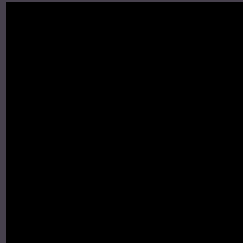
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.1620, 4.3571, 2.4889

Background



This preview shows how black text looks on a background with the YUV color 68.1620, 4.3571, 2.4889.

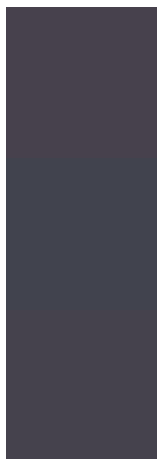


This preview shows how white text looks on a background with the YUV color 68.1620, 4.3571,

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

68.1620, 4.3571, 2.4889

Protanopia

67.6560, 5.0996, -2.3293

Deuteranopia

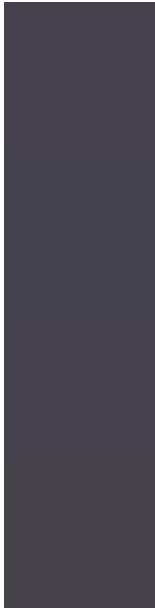
68.1510, 4.3626, 0.7446



Tritanopia

67.7660, 1.5944, 1.9592

Trichromacy



Original Color

68.1620, 4.3571, 2.4889

Protanomaly

67.6670, 5.0942, -0.5850

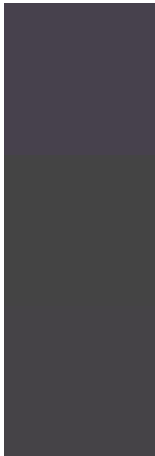
Deuteranomaly

68.4500, 4.2151, 1.3593

Tritanomaly

67.9940, 2.4680, 1.7593

Monochromacy



Original Color

68.1620, 4.3571, 2.4889

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.0540, 1.4524, 0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.1620, 4.3571, 2.4889 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(71, 65, 77)` looks like.

```
.text, #text, p{  
    color:rgb(71, 65, 77)  
}
```

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(71, 65, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 65, 77) }
```

Border

The CSS property to change the border of an element to YUV 68.1620, 4.3571, 2.4889 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(71, 65, 77) }
```


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

```
.border{ border-color:rgb(71, 65, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 65, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 65, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 65, 77);  
box-shadow:4px 4px 4px 4px rgb(71, 65, 77)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.1620, 4.3571, 2.4889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 65, 77) }
```

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

```
.background{ background-color: rgb(71, 65,  
77) }
```

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