

Converting Colors

YUV(68.5800, 7.1091, 6.5073)

Have a look what the booklet for
YUV(68.5800, 7.1091, 6.5073)
contains.

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Color

**YUV(68.5800, 7.1091,
6.5073)**

Conversions

Conversions Part 1

Format	Color
Hex	4C3E53
RGB	76, 62, 83
RGB Percent	30%, 24%, 33%
CMY	0.7020, 0.7569, 0.6745
CMYK	0.08, 0.25, 0.00, 0.67
HSL	280°, 14%, 28%
HSV	280°, 25%, 33%
XYZ	6.2644, 5.6063, 8.9356
YIQ	68.5800, 1.6030, 9.4990

Conversions

Conversions Part 2

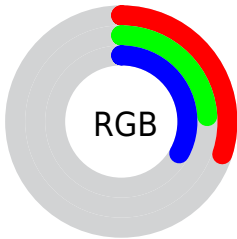
Format	Color
RYB	76, 62, 83
Decimal	4996691
CIELab	28.40, 10.60, -10.37
CIElCh	28, 14.830, 315.649
Yxy	5.6063, 0.3011, 0.2695
Android (android.graphics.Color)	4283186771 (0xFF4C3E53)
YUV	68.5800, 7.1091, 6.5073
Hunter-Lab	23.6776, 5.7905, -5.8008

Details

The YUV color **68.5800, 7.1091, 6.5073** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **76.4200, -7.1091, -6.5073**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.9930, 7.3985, 7.0221**, and **25.6400, 6.0935, 5.5777** is the 20% darker color. If you saturate the color by 10%, you get **62.9870, 9.8664, 8.7814**, and if you desaturate by 10%, it is **74.1730, 4.3517, 4.2333**.

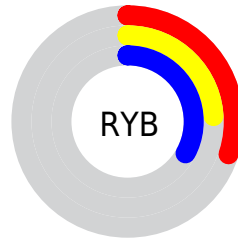
Distribution



 Red (30%)

 Green (24%)

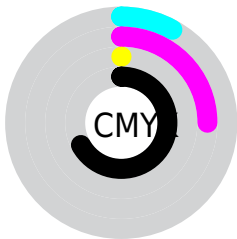
 Blue (33%)



 Red (30%)

 Yellow (24%)

 Blue (33%)

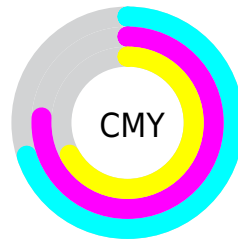


 Cyan (8%)

 Magenta (25%)

 Yellow (0%)

 Black (67%)



 Cyan (70%)

 Magenta (76%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.5800, 7.1091, 6.5073 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 68.5800, 7.1091, 6.5073 by changing the saturation by 10% instead.

■ 68.5800, 7.1091,
6.5073

■ 68.5800, 7.1091,
6.5073

■ 255.0000, 0.0000,
0.0000

■ 46.1670, 6.8197,
5.9925

■ 116.9930, 7.3985,
7.0221

■ 25.6400, 6.0935,
5.5777

■ 142.5200, 8.1246,
7.4370

■ 2.2370, 7.2782,
-1.0848

■ 168.9330, 8.4140,
7.9518

■ 0.0000, 0.0000,
0.0000

■ 195.9330, 8.4140,
7.9518

■ 224.3460, 8.7034,
8.4666

■ 248.5430, 3.1833,

5.6628

■ 68.5800, 7.1091,
6.5073

■ 68.5800, 7.1091,
6.5073

■ 62.9870, 9.8664,
8.7814

■ 74.1730, 4.3517,
4.2333

■ 56.8070, 12.9131,
11.5703

■ 80.3530, 1.3050,
1.4444

■ 51.5130, 15.5231,
14.4591

■ 85.6470, -1.3050,
-1.4444

■ 45.9200, 18.2804,
16.7332

■ 91.2400, -4.0623,
-3.7185

■ 40.3270, 21.0378,
19.0072

■ 96.8330, -6.8197,
-5.9925

■ 34.1470, 24.0845,
21.7961

■ 103.0130, -9.8664,
-8.7814

■ 28.8530, 26.6945,
24.6849

■ 108.3070,
-12.4764, -11.6702

■ 25.9070, 28.1468,
25.5146

■ 113.9000,
-15.2337, -13.9443

■ 120.0800,
-18.2804, -16.7332

Harmonies

Analogous

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



67.1270, 10.7834, -5.3734



68.5800, 7.1091, 6.5073



68.6690, 2.1352, 15.1993

Triad

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



68.5800, 7.1091, 6.5073



66.6180, -10.6577, 11.7360



61.0400, 5.8963, -24.5911

Complementary

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



68.5800, 7.1091, 6.5073



76.4200, -7.1091, -6.5073

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.



62.6620, -0.8194, -17.2436



68.5800, 7.1091, 6.5073



65.6770, -10.1938, 2.9143

Square

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



68.5800, 7.1091, 6.5073



67.9330, -8.3480, 17.5988



64.2350, -6.5249, -7.2221



61.5930, 10.5537, -25.0761

Rectangle

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



68.5800, 7.1091, 6.5073



68.6540, -1.8014, 17.8434



64.2350, -6.5249, -7.2221



61.4810, 3.7069, -22.3468

Sweetspot

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



68.5800, 7.1091, 6.5073



101.4070, 2.7573, 2.2741



68.5030, 7.1470, -5.7031



49.8800, 2.0312, 1.8592



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.



68.5800, 7.1091, 6.5073



84.9270, 10.8820, 9.7110



70.3310, 4.7668, 11.1107



38.0540, 1.4524, 0.8296



32.9000, 35.5453, 32.5367



72.7930, 78.4891, 72.0955

Inverse Universe

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



69.0770, -0.0380, 12.2105



85.8220, 0.0878, 18.5731



74.6690, -4.7668, -11.1107



38.3100, -0.1528, 2.3591



35.3850, -0.1898, 61.0524



78.1460, -0.5650, 134.9300

Previews

White Background



This preview shows how the YUV color 68.5800, 7.1091, 6.5073 looks on a white background.

Color Contrast Check

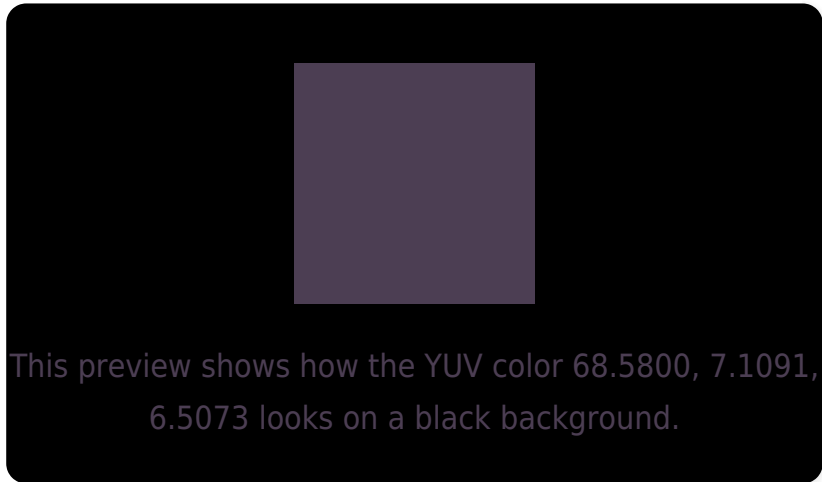
Large Text (above 18pt) WCAG AA ✓ Pass

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

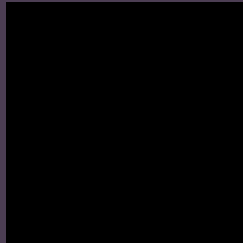
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.5800, 7.1091, 6.5073

Background



This preview shows how black text looks on a background with the YUV color 68.5800, 7.1091, 6.5073.



This preview shows how white text looks on a background with the YUV color 68.5800, 7.1091,

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

68.5800, 7.1091, 6.5073

Protanopia

67.0840, 9.3256, -4.4587

Deuteranopia

67.8240, 6.9888, -1.5996



Tritanopia

67.6740, 1.1467, 5.5479

Trichromacy



Original Color

68.5800, 7.1091, 6.5073

Protanomaly

67.8780, 8.4411, -0.7700

Deuteranomaly

68.4330, 6.6885, 1.3743

Tritanomaly

67.9560, 3.4727, 6.1776

Monochromacy



Original Color

68.5800, 7.1091, 6.5073

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.7060, 2.6099, 2.8888

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.5800, 7.1091, 6.5073 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(76, 62, 83)` looks like.

```
.text, #text, p{  
    color:rgb(76, 62, 83)  
}
```

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(76, 62, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 62, 83) }
```

Border

The CSS property to change the border of an element to YUV 68.5800, 7.1091, 6.5073 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(76, 62, 83) }
```


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

```
.border{ border-color:rgb(76, 62, 83) }
```

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

Here you see how a box with a 4 pixel rgb(76, 62, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 62, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 62, 83);  
box-shadow:4px 4px 4px 4px rgb(76, 62, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.5800, 7.1091, 6.5073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 62, 83) }
```

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

```
.background{ background-color: rgb(76, 62,  
83) }
```

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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