

Converting Colors

YUV(71.3080, 53.5852, 33.0559)

Have a look what the booklet for
YUV(71.3080, 53.5852, 33.0559)
contains.

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Color

**YUV(71.3080, 53.5852,
33.0559)**

Conversions

Conversions Part 1

Format	Color
Hex	6D1FB4
RGB	109, 31, 180
RGB Percent	43%, 12%, 71%
CMY	0.5725, 0.8784, 0.2941
CMYK	0.39, 0.83, 0.00, 0.29
HSL	271°, 71%, 41%
HSV	271°, 83%, 71%
XYZ	15.0349, 7.5265, 43.8403
YIQ	71.3080, -1.3410, 62.8750

Conversions

Conversions Part 2

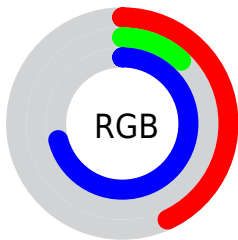
Format	Color
R_{YB}	109, 31, 180
Decimal	7151540
CIE _{Lab}	32.98, 59.30, -63.24
CIE _{LCh}	33, 86.698, 313.160
Yxy	7.5265, 0.2264, 0.1133
Android (android.graphics.Color)	4285341620 (0xFF6D1FB4)
YUV	71.3080, 53.5852, 33.0559
Hunter-Lab	27.4344, 49.8131, -75.5417

Details

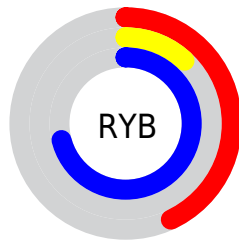
The YUV color **71.3080, 53.5852, 33.0559** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **139.6920, -53.5852, -33.0559**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.0200, 53.7271, 34.1855**, and **29.3140, 47.6662, 18.1416** is the 20% darker color. If you saturate the color by 10%, you get **58.0510, 60.1209, 36.7893**, and if you desaturate by 10%, it is **84.5650, 47.0495, 29.3225**.

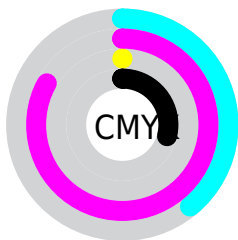
Distribution



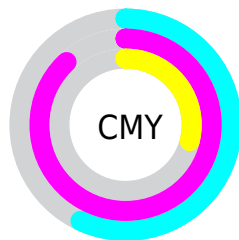
- Red (43%)
- Green (12%)
- Blue (71%)



- Red (43%)
- Yellow (12%)
- Blue (71%)



- Cyan (39%)
- Magenta (83%)
- Yellow (0%)
- Black (29%)



- Cyan (57%)
- Magenta (88%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.3080, 53.5852, 33.0559 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 71.3080, 53.5852, 33.0559 by changing the saturation by 10% instead.

71.3080, 53.5852,
33.0559

71.3080, 53.5852,
33.0559

255.0000, 0.0000,
0.0000

41.3620, 55.0375,
33.8855

128.0200, 53.7271,
34.1855

29.3140, 47.6662,
18.1416

154.0050, 49.7905,
36.8296

15.2870, 41.7635,
-2.0057

178.5250, 37.7022,
40.7586

8.5500, 32.7599,
-7.4984

203.9310, 25.1770,
44.7875

8.1620, 21.1191,
-7.1581

220.3670, 17.0741,
30.3731

4.4800, 12.0884,
-3.9290

237.3900, 8.6817,

0.0000, 0.0000,

15.4440

0.0000

254.4130, 0.2894,
0.5148

■ 71.3080, 53.5852,
33.0559

■ 71.3080, 53.5852,
33.0559

■ 58.0510, 60.1209,
36.7893

■ 84.5650, 47.0495,
29.3225

■ 48.6260, 64.7674,
39.7930

■ 97.5230, 40.6612,
24.9743

■ 110.7800, 34.1255,
21.2409

■ 123.7380, 27.7372,
16.8928

■ 136.9950, 21.2015,
13.1594

■ 149.9530, 14.8132,
8.8112

■ 163.2100, 8.2775,
5.0778

■ 176.4670, 1.7418,
1.3444

■ 189.4250, -4.6465,
-3.0037

Harmonies

Analogous

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



70.8830, 71.0497, -62.1644



71.3080, 53.5852, 33.0559



65.5920, 26.3301, 95.0738

Triad

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



71.3080, 53.5852, 33.0559



72.3070, -35.6474, 47.0888



72.0720, 17.2195, -63.2071

Complementary

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



71.3080, 53.5852, 33.0559



139.6920, -53.5852, -33.0559

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.



62.4620, -14.5248, -54.7792



71.3080, 53.5852, 33.0559



69.6400, -34.3325, -1.4383

Square

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



71.3080, 53.5852, 33.0559



50.2320, -24.7644, 103.2825



55.7650, -27.4921, -48.9059



79.4820, 45.6114, -69.7057

Rectangle

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



71.3080, 53.5852, 33.0559



64.6480, 4.6105, 108.1797



55.7650, -27.4921, -48.9059



68.8630, 7.4625, -60.3929

Sweetspot

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



71.3080, 53.5852, 33.0559



191.9950, 21.2015, 13.1594



90.2500, 44.2467, -51.9622



91.6710, 12.4872, 8.1815



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



71.3080, 53.5852, 33.0559



65.0400, 83.7903, 51.7079



92.3090, 42.2457, 76.9050



82.5210, 3.1941, 2.1741



41.3620, 55.0375, 33.8855



6.8510, 9.4405, 5.3927

Inverse Universe

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



83.6450, 9.0490, 84.5033



84.3210, 14.1387, 132.1455



118.6910, -42.2457, -76.9050



83.2610, 0.8573, 5.0331



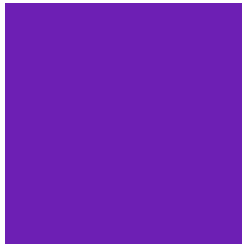
54.0690, 9.3330, 86.7625



9.1420, 1.4090, 14.7845

Previews

White Background



This preview shows how the YUV color 71.3080, 53.5852, 33.0559 looks on a white background.

Color Contrast Check

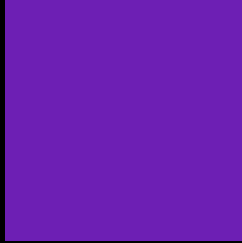
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 71.3080, 53.5852, 33.0559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

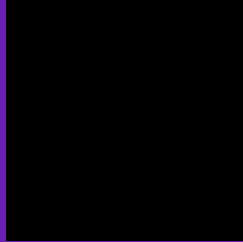
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.3080, 53.5852, 33.0559

Background



This preview shows how black text looks on a background with the YUV color 71.3080, 53.5852, 33.0559.



This preview shows how white text looks on a background with the YUV color 71.3080, 53.5852,

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

71.3080, 53.5852, 33.0559

Deuteranopia

62.5780, 36.6900, -54.8809

Tritanopia

79.4570, 0.2677, 7.4922

Trichromacy



Original Color

71.3080, 53.5852, 33.0559

Deuteranomaly

65.7960, 42.9916, -22.6231

Tritanomaly

76.5610, 19.4434, 17.0480

Monochromacy



Original Color

71.3080, 53.5852, 33.0559

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.9410, 19.7491, 12.3297

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.3080, 53.5852, 33.0559 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(109, 31, 180)` looks like.

```
.text, #text, p{  
    color:rgb(109, 31, 180)  
}
```

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(109, 31, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 31, 180) }
```

Border

The CSS property to change the border of an element to YUV 71.3080, 53.5852, 33.0559 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(109, 31, 180) }
```

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

```
.border{ border-color:rgb(109, 31, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 31, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 31, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 31, 180);  
box-shadow:4px 4px 4px 4px rgb(109, 31,  
180) }
```


Background

The CSS property to change the background color of an element to YUV 71.3080, 53.5852, 33.0559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 31, 180) }
```

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

```
.background{ background-color: rgb(109, 31,  
180) }
```

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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