

Converting Colors

YUV(71.8400, 12.8969, 16.8033)

Have a look what the booklet for
YUV(71.8400, 12.8969, 16.8033)
contains.

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Color

**YUV(71.8400, 12.8969,
16.8033)**

Conversions

Conversions Part 1

Format	Color
Hex	5B3962
RGB	91, 57, 98
RGB Percent	36%, 22%, 38%
CMY	0.6431, 0.7765, 0.6157
CMYK	0.07, 0.42, 0.00, 0.62
HSL	290°, 26%, 30%
HSV	290°, 42%, 38%
XYZ	7.9821, 6.0322, 12.2989
YIQ	71.8400, 7.1030, 19.9590

Conversions

Conversions Part 2

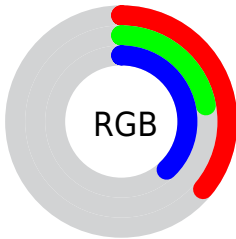
Format	Color
RYB	91, 57, 98
Decimal	5978466
CIELab	29.49, 22.87, -18.24
CIElCh	29, 29.251, 321.418
Yxy	6.0322, 0.3033, 0.2292
Android (android.graphics.Color)	4284168546 (0xFF5B3962)
YUV	71.8400, 12.8969, 16.8033
Hunter-Lab	24.5606, 15.0308, -12.4975

Details

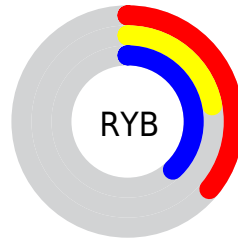
The YUV color **71.8400, 12.8969, 16.8033** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **83.1600, -12.8969, -16.8033**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.0790, 13.7651, 18.3477**, and **26.6010, 12.0287, 15.2589** is the 20% darker color. If you saturate the color by 10%, you get **65.3720, 16.0856, 20.7218**, and if you desaturate by 10%, it is **78.3080, 9.7082, 12.8849**.

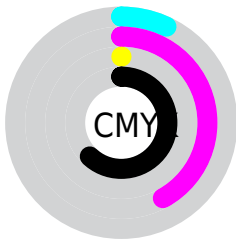
Distribution



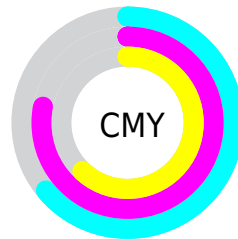
- Red (36%)
- Green (22%)
- Blue (38%)



- Red (36%)
- Yellow (22%)
- Blue (38%)



- Cyan (7%)
- Magenta (42%)
- Yellow (0%)
- Black (62%)



- Cyan (64%)
- Magenta (78%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.8400, 12.8969, 16.8033 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 71.8400, 12.8969, 16.8033 by changing the saturation by 10% instead.

71.8400, 12.8969,
16.8033

71.8400, 12.8969,
16.8033

255.0000, 0.0000,
0.0000

49.0140, 12.3181,
15.7737

121.0790, 13.7651,
18.3477

26.6010, 12.0287,
15.2589

146.9050, 14.3438,
19.3773

11.3080, 9.7082,
12.8849

173.9050, 14.3438,
19.3773

0.0000, 0.0000,
0.0000

201.3180, 14.6332,
19.8921

228.5740, 13.0280,
21.4216

246.1950, 4.3409,

7.7220

■ 71.8400, 12.8969,
16.8033

■ 71.8400, 12.8969,
16.8033

■ 65.3720, 16.0856,
20.7218

■ 78.3080, 9.7082,
12.8849

■ 59.2030, 19.1269,
25.2550

■ 84.4770, 6.6668,
8.3517

■ 53.3220, 22.0263,
28.6586

■ 90.3580, 3.7675,
4.9480

■ 46.8540, 25.2150,
32.5770

■ 96.8260, 0.5788,
1.0296

■ 40.6850, 28.2563,
37.1103

■ 102.9950, -2.4625,
-3.5036

■ 35.3910, 30.8662,
39.9991

■ 109.4630, -5.6513,
-7.4221

■ 115.9310, -8.8400,
-11.3405

■ 121.5130,
-11.5919, -15.3589

■ 127.9810,
-14.7806, -19.2773

Harmonies

Analogous

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



69.4500, 20.9772, -8.2876



71.8400, 12.8969, 16.8033



70.4200, 3.2439, 32.9577

Triad

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



71.8400, 12.8969, 16.8033



67.6760, -22.0253, 17.8241



57.2370, 13.6872, -50.1968

Complementary

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



71.8400, 12.8969, 16.8033



83.1600, -12.8969, -16.8033

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.



54.0280, 3.9302, -47.3826



71.8400, 12.8969, 16.8033



65.4350, -19.9345, 0.4955

Square

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



71.8400, 12.8969, 16.8033



68.5450, -16.5377, 31.0940



62.0070, -10.8495, -20.1771



58.2290, 22.5651, -51.0668

Rectangle

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



71.8400, 12.8969, 16.8033



69.9060, -3.8977, 36.9164



62.0070, -10.8495, -20.1771



56.4390, 10.6296, -49.4970

Sweetspot

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



71.8400, 12.8969, 16.8033



117.1240, 5.3619, 6.9073



66.3700, 15.5936, -8.2175



57.5320, 3.1887, 3.9184



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



71.8400, 12.8969, 16.8033



87.1430, 20.1425, 26.1846



72.4510, 6.1867, 22.4065



45.6520, 1.1576, 2.0592



40.5750, 35.2125, 45.9767



86.8610, 75.4975, 98.3459

Inverse Universe

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



70.0570, -2.9861, 24.5060



84.3900, -4.6293, 38.2460



82.5490, -6.1867, -22.4065



45.1960, -0.5896, 2.4591



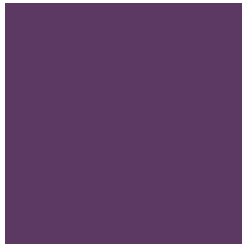
35.6540, -8.2104, 66.9554



76.4340, -17.4690, 143.4474

Previews

White Background



This preview shows how the YUV color 71.8400, 12.8969, 16.8033 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 71.8400, 12.8969, 16.8033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

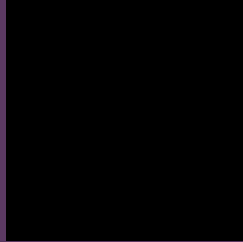
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.8400, 12.8969, 16.8033

Background



This preview shows how black text looks on a background with the YUV color 71.8400, 12.8969, 16.8033.



This preview shows how white text looks on a background with the YUV color 71.8400, 12.8969,

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

71.8400, 12.8969, 16.8033

Protanopia

69.5590, 18.9514, -11.8912

Deuteranopia

69.9850, 12.8254, -7.0028



Tritanopia

70.7460, -1.3538, 14.2548

Trichromacy



Original Color

71.8400, 12.8969, 16.8033

Protanomaly

70.6420, 16.4455, -1.4400

Deuteranomaly

71.0400, 12.7983, 1.7189

Tritanomaly

71.1250, 3.8824, 14.7994

Monochromacy



Original Color

71.8400, 12.8969, 16.8033

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.1840, 4.3463, 5.9776

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.8400, 12.8969, 16.8033 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(91, 57, 98)` looks like.

```
.text, #text, p{  
    color:rgb(91, 57, 98)  
}
```

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(91, 57, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 57, 98) }
```

Border

The CSS property to change the border of an element to YUV 71.8400, 12.8969, 16.8033 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(91, 57, 98) }
```


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

```
.border{ border-color:rgb(91, 57, 98) }
```

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

Here you see how a box with a 4 pixel rgb(91, 57, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 57, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 57, 98);  
box-shadow:4px 4px 4px 4px rgb(91, 57, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.8400, 12.8969, 16.8033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 57, 98) }
```

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

```
.background{ background-color: rgb(91, 57,  
98) }
```

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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