

Converting Colors

YUV(70.1370, 39.3725, 18.2969)

Have a look what the booklet for
YUV(70.1370, 39.3725, 18.2969)
contains.

YUV(70.1370, 39.3725, 18.2969)	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(70.1370, 39.3725,
18.2969)**

Conversions

Conversions Part 1

Format	Color
Hex	5B2C96
RGB	91, 44, 150
RGB Percent	36%, 17%, 59%
CMY	0.6431, 0.8275, 0.4118
CMYK	0.39, 0.71, 0.00, 0.41
HSL	267°, 55%, 38%
HSV	267°, 71%, 59%
XYZ	10.7201, 6.2275, 29.4912
YIQ	70.1370, -6.0140, 42.9300

Conversions

Conversions Part 2

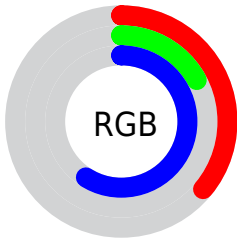
Format	Color
R_{YB}	91, 44, 150
Decimal	5975190
CIE _{Lab}	29.98, 43.39, -50.13
CIE _{LCh}	30, 66.298, 310.880
Yxy	6.2275, 0.2308, 0.1341
Android (android.graphics.Color)	4284165270 (0xFF5B2C96)
YUV	70.1370, 39.3725, 18.2969
Hunter-Lab	24.9550, 33.0082, -52.5989

Details

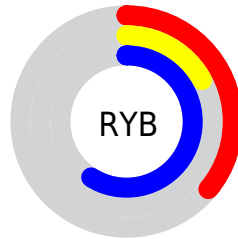
The YUV color **70.1370, 39.3725, 18.2969** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **123.8630, -39.3725, -18.2969**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.6150, 41.1088, 21.3856**, and **21.6370, 37.6470, 11.7194** is the 20% darker color. If you saturate the color by 10%, you get **58.9400, 44.8926, 21.1006**, and if you desaturate by 10%, it is **81.3340, 33.8523, 15.4931**.

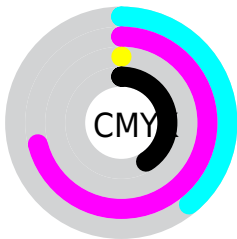
Distribution



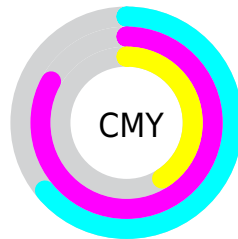
- Red (36%)
- Green (17%)
- Blue (59%)



- Red (36%)
- Yellow (17%)
- Blue (59%)



- Cyan (39%)
- Magenta (71%)
- Yellow (0%)
- Black (41%)



- Cyan (64%)
- Magenta (83%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.1370, 39.3725, 18.2969 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 70.1370, 39.3725, 18.2969 by changing the saturation by 10% instead.

70.1370, 39.3725,
18.2969

70.1370, 39.3725,
18.2969

255.0000, 0.0000,
0.0000

44.4250, 39.2305,
17.1673

121.6150, 41.1088,
21.3856

21.6370, 37.6470,
11.7194

148.5550, 42.1244,
22.3153

11.4260, 30.8490,
-1.2506

174.5830, 39.6456,
24.0447

8.0480, 20.6823,
-7.0581

199.6900, 27.2678,
27.4589

3.7790, 11.9410,
-3.3142

222.7150, 15.9165,
28.3139

0.0000, 0.0000,
0.0000

239.7380, 7.5242,

13.3848

■ 70.1370, 39.3725,
18.2969

■ 70.1370, 39.3725,
18.2969

■ 58.9400, 44.8926,
21.1006

■ 81.3340, 33.8523,
15.4931

■ 47.4440, 50.5601,
23.2896

■ 92.8300, 28.1848,
13.3041

■ 37.1330, 55.6434,
26.1934

■ 104.0270, 22.6647,
10.5003

■ 115.2240, 17.1446,
7.6966

■ 126.7200, 11.4770,
5.5076

■ 137.9170, 5.9569,
2.7038

■ 149.1140, 0.4368,
-0.1000

■ 160.6100, -5.2307,
-2.2890

■ 171.8070,
-10.7509, -5.0927

Harmonies

Analogous

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



62.1000, 55.1667, -54.4617



70.1370, 39.3725, 18.2969



54.5420, 25.3688, 76.7007

Triad

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



70.1370, 39.3725, 18.2969



66.0720, -32.5735, 41.1559



63.5630, 12.5404, -55.7448

Complementary

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



70.1370, 39.3725, 18.2969



123.8630, -39.3725, -18.2969

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.



56.1190, -10.9047, -49.2164



70.1370, 39.3725, 18.2969



64.9550, -32.0228, 4.4245

Square

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



70.1370, 39.3725, 18.2969



51.2740, -25.2781, 81.3207



49.3080, -24.3088, -43.2431



68.5620, 34.2329, -60.1289

Rectangle

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



70.1370, 39.3725, 18.2969



54.5530, 8.6014, 88.0920



49.3080, -24.3088, -43.2431



60.9240, 4.9675, -53.4303

Sweetspot

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



70.1370, 39.3725, 18.2969



163.0560, 15.2554, 6.9669



91.3040, 28.9371, -41.4856



78.7260, 9.0091, 3.7483



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



70.1370, 39.3725, 18.2969



69.6370, 61.3110, 28.3824



85.6850, 31.7073, 50.2653



68.6950, 2.6154, 1.1445



33.9710, 51.2863, 23.7044



2.6350, 3.6309, 2.0741

Inverse Universe

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



82.4200, 10.1459, 59.2677



88.8230, 15.8633, 92.2402



108.3150, -31.7073, -50.2653



69.5490, 0.7153, 3.9035



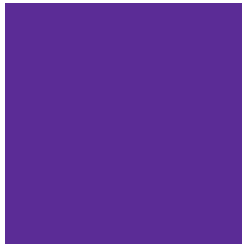
50.0400, 13.2913, 77.1409



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 70.1370, 39.3725, 18.2969 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 70.1370, 39.3725, 18.2969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

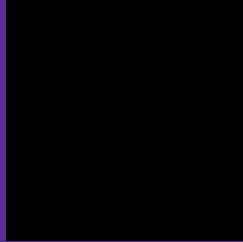
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.1370, 39.3725, 18.2969

Background



This preview shows how black text looks on a background with the YUV color 70.1370, 39.3725, 18.2969.



This preview shows how white text looks on a background with the YUV color 70.1370, 39.3725,

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

70.1370, 39.3725, 18.2969

Protanopia

57.0330, 43.3677, -50.0179

Deuteranopia

57.2150, 33.9110, -50.1776



Tritanopia

71.4780, 1.7363, 3.0888

Trichromacy



Original Color

70.1370, 39.3725, 18.2969

Protanomaly

61.8450, 41.9814, -25.2971

Deuteranomaly

61.6510, 36.1611, -25.1269

Tritanomaly

71.0670, 15.2500, 8.7112

Monochromacy



Original Color

70.1370, 39.3725, 18.2969

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.4150, 14.0924, 6.6520

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.1370, 39.3725, 18.2969 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, 44, 150)` looks like.

```
.text, #text, p{  
    color:rgb(91, 44, 150)  
}
```

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, 44, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 44, 150) }
```

Border

The CSS property to change the border of an element to YUV 70.1370, 39.3725, 18.2969 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, 44, 150) }
```


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

```
.border{ border-color:rgb(91, 44, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 44, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 44, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 44, 150);  
box-shadow:4px 4px 4px 4px rgb(91, 44,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 70.1370, 39.3725, 18.2969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 44, 150) }
```

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

```
.background{ background-color: rgb(91, 44,  
150) }
```

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