

Converting Colors

YUV(47.0390, 31.5328, 59.6018)

Have a look what the booklet for
YUV(47.0390, 31.5328, 59.6018)
contains.

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Color

**YUV(47.0390, 31.5328,
59.6018)**

Conversions

Conversions Part 1

Format	Color
Hex	73006F
RGB	115, 0, 111
RGB Percent	45%, 0%, 44%
CMY	0.5490, 1.0000, 0.5647
CMYK	0.00, 1.00, 0.03, 0.55
HSL	302°, 100%, 23%
HSV	302°, 100%, 45%
XYZ	9.9395, 4.7925, 15.4401
YIQ	47.0390, 32.9090, 58.9010

Conversions

Conversions Part 2

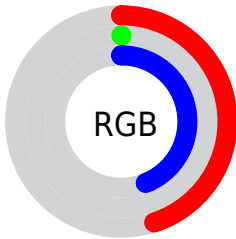
Format	Color
R_{YB}	115, 0, 111
Decimal	7536751
CIE _{Lab}	26.14, 53.95, -31.65
CIE _{LCh}	26, 62.545, 329.603
Yxy	4.7925, 0.3294, 0.1588
Android (android.graphics.Color)	4285726831 (0xFF73006F)
YUV	47.0390, 31.5328, 59.6018
Hunter-Lab	21.8919, 42.7329, -26.4923

Details

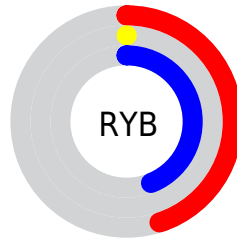
The YUV color **47.0390, 31.5328, 59.6018** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **67.9610, -31.5328, -59.6018**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.3280, 26.4603, 53.2093**, and **25.7200, 18.3790, 31.8176** is the 20% darker color. If you saturate the color by 10%, you get **47.0390, 31.5328, 59.6018**, and if you desaturate by 10%, it is **53.4960, 28.3495, 53.9390**.

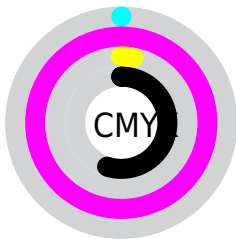
Distribution



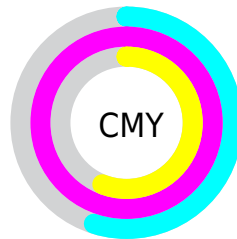
- Red (45%)
- Green (0%)
- Blue (44%)



- Red (45%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (55%)



- Cyan (55%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.0390, 31.5328, 59.6018 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 47.0390, 31.5328, 59.6018 by changing the saturation by 10% instead.

47.0390, 31.5328,
59.6018

47.0390, 31.5328,
59.6018

255.0000, 0.0000,
0.0000

36.1160, 24.5928,
45.5023

109.3280, 26.4603,
53.2093

25.7200, 18.3790,
31.8176

136.9260, 26.1655,
54.4389

15.9220, 11.8705,
19.3624

164.6380, 26.3075,
55.5685

2.5250, 7.1362,
-2.2144

192.4530, 26.8917,
54.8537

0.0000, 0.0000,
0.0000

209.2140, 22.5725,
40.1543

226.2370, 14.1802,

25.2252

■ 243.2600, 5.7878,
10.2960

■ 47.0390, 31.5328,
59.6018

■ 53.4960, 28.3495,
53.9390

■ 60.6540, 25.3136,
47.6614

■ 67.6980, 21.8409,
41.4839

■ 74.2690, 19.0944,
35.7211

■ 81.3130, 15.6217,
29.5435

■ 87.7700, 12.4384,
23.8807

■ 94.9280, 9.4025,
17.6031

■ 101.3850, 6.2192,
11.9404

■ 108.5430, 3.1833,
5.6628

Harmonies

Analogous

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



58.2640, 43.2538, -13.3865



47.0390, 31.5328, 59.6018



48.9710, 7.9023, 78.9554

Triad

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



47.0390, 31.5328, 59.6018



58.2430, -28.7138, 16.4499



59.2720, 24.0229, -51.9815

Complementary

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



47.0390, 31.5328, 59.6018



67.9610, -31.5328, -59.6018

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.



53.8000, 3.0566, -47.1826



47.0390, 31.5328, 59.6018



50.3370, -24.8161, -20.4665

Square

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



47.0390, 31.5328, 59.6018



55.5060, -27.3645, 50.4222



45.5410, -20.9727, -39.9395



62.3160, 40.7632, -54.6511

Rectangle

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



47.0390, 31.5328, 59.6018



45.4370, -5.6384, 82.0548



45.5410, -20.9727, -39.9395



57.5620, 17.4709, -50.4819

Sweetspot

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



47.0390, 31.5328, 59.6018



123.4710, 12.5858, 23.2659



14.3060, 49.6421, -9.0384



60.4500, 7.6661, 14.5143



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



47.0390, 31.5328, 59.6018



61.3800, 41.2247, 77.7197



40.5410, 6.6353, 65.3005



55.3640, 1.2995, 3.1888



49.9300, 33.5585, 63.2054



102.2240, 68.4166, 129.5996

Inverse Universe

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



47.0390, 31.5328, 59.6018



61.3800, 41.2247, 77.7197



74.4590, -6.6353, -65.3005



55.3640, 1.2995, 3.1888



49.9300, 33.5585, 63.2054



102.2240, 68.4166, 129.5996

Previews

White Background



This preview shows how the YUV color 47.0390, 31.5328, 59.6018 looks on a white background.

Color Contrast Check

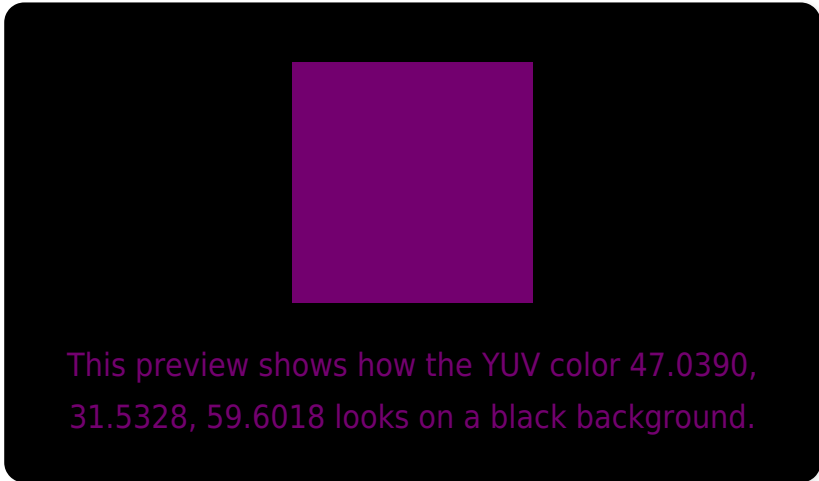
Large Text (above 18pt) WCAG AA ✓ Pass

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

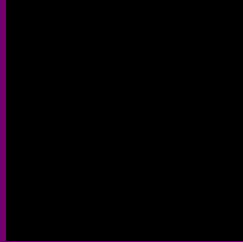
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.0390, 31.5328, 59.6018

Background



This preview shows how black text looks on a background with the YUV color 47.0390, 31.5328, 59.6018.



This preview shows how white text looks on a background with the YUV color 47.0390, 31.5328,

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



Protanopia

52.2570, 40.2993, -45.8294

Deuteranopia

62.8680, 20.2781, -17.4242

Tritanopia

63.3640, -8.5605, 39.1458

Trichromacy



Protanomaly

50.4020, 37.2698, -7.3686

Deuteranomaly

56.8960, 24.7013, 10.6152

Tritanomaly

57.6050, 6.1107, 46.8274

Monochromacy



Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.1180, 11.2808, 21.8215

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.0390, 31.5328, 59.6018 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(115, 0, 111)` looks like.

```
.text, #text, p{  
  color:rgb(115, 0, 111)  
}
```

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(115, 0, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 0, 111) }
```

Border

The CSS property to change the border of an element to YUV 47.0390, 31.5328, 59.6018 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(115, 0, 111) }
```

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

```
.border{ border-color:rgb(115, 0, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 0, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 0, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 0, 111);  
box-shadow:4px 4px 4px 4px rgb(115, 0,  
111) }
```


Background

The CSS property to change the background color of an element to YUV 47.0390, 31.5328, 59.6018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 0, 111) }
```

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

```
.background{ background-color: rgb(115, 0,  
111) }
```

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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