

Converting Colors

YUV(47.6290, 53.4269, 37.1594)

Have a look what the booklet for
YUV(47.6290, 53.4269, 37.1594)
contains.

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Color

**YUV(47.6290, 53.4269,
37.1594)**

Conversions

Conversions Part 1

Format	Color
Hex	5A059C
RGB	90, 5, 156
RGB Percent	35%, 2%, 61%
CMY	0.6471, 0.9804, 0.3882
CMYK	0.42, 0.97, 0.00, 0.39
HSL	274°, 94%, 32%
HSV	274°, 97%, 61%
XYZ	10.2715, 4.6825, 31.8149
YIQ	47.6290, 2.1890, 64.9810

Conversions

Conversions Part 2

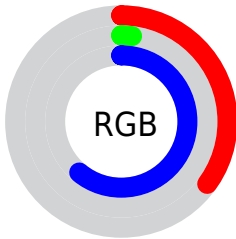
Format	Color
RYB	90, 5, 156
Decimal	5899676
CIELab	25.81, 57.94, -60.63
CIELCh	26, 83.864, 313.702
Yxy	4.6825, 0.2196, 0.1001
Android (android.graphics.Color)	4284089756 (0xFF5A059C)
YUV	47.6290, 53.4269, 37.1594
Hunter-Lab	21.6391, 46.8606, -72.0239

Details

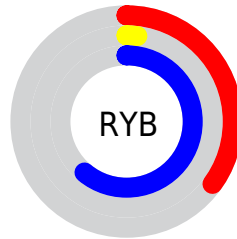
The YUV color **47.6290, 53.4269, 37.1594** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **113.3710, -53.4269, -37.1594**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.6240, 50.9644, 33.6558**, and **20.4130, 40.7154, 7.5308** is the 20% darker color. If you saturate the color by 10%, you get **44.0960, 55.1687, 38.5038**, and if you desaturate by 10%, it is **59.1140, 47.7648, 33.2260**.

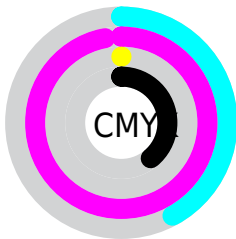
Distribution



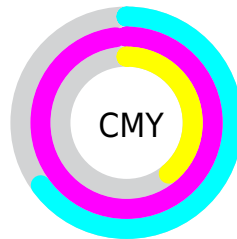
- Red (35%)
- Green (2%)
- Blue (61%)



- Red (35%)
- Yellow (2%)
- Blue (61%)



- Cyan (42%)
- Magenta (97%)
- Yellow (0%)
- Black (39%)



- Cyan (65%)
- Magenta (98%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.6290, 53.4269, 37.1594 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 47.6290, 53.4269, 37.1594 by changing the saturation by 10% instead.

47.6290, 53.4269,
37.1594

47.6290, 53.4269,
37.1594

255.0000, 0.0000,
0.0000

32.9450, 47.3551,
24.6042

108.6240, 50.9644,
33.6558

20.4130, 40.7154,
7.5308

135.7490, 51.3957,
35.3001

8.8920, 34.0702,
-7.7983

161.9790, 45.8594,
37.7294

9.0910, 22.1401,
-7.9728

186.4990, 33.7710,
41.6584

4.8220, 13.3988,
-4.2289

209.2140, 22.5725,
40.1543

0.4560, 1.7472,
-0.3999


225.6500, 14.4696,


0.0000, 0.0000,


25.7400


0.0000


 242.6730, 6.0772,
10.8108


 47.6290, 53.4269,
37.1594


 47.6290, 53.4269,
37.1594


 44.0960, 55.1687,
38.5038

 59.1140, 47.7648,
33.2260

 70.0120, 42.3921,
29.8075

 81.1980, 36.8774,
25.2594

 92.0960, 31.5047,
21.8408

 103.5810, 25.8426,
17.9075

■ 115.0660, 20.1805,
13.9741

■ 125.9640, 14.8077,
10.5556

■ 137.4490, 9.1456,
6.6222

■ 148.0480, 3.9203,
2.5889

Harmonies

Analogous

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



58.6410, 64.7600, -51.4282



47.6290, 53.4269, 37.1594



56.1360, 21.1320, 82.3187

Triad

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



47.6290, 53.4269, 37.1594



56.6250, -27.9161, 40.6709



58.3940, 15.5818, -51.2115

Complementary

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



47.6290, 53.4269, 37.1594



113.3710, -53.4269, -37.1594

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.



49.3540, -13.9785, -43.2835



47.6290, 53.4269, 37.1594



54.2680, -26.7541, -5.4970

Square

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



47.6290, 53.4269, 37.1594



42.4580, -20.9318, 87.2983



45.1990, -22.2831, -39.6395



66.5220, 41.6477, -58.3398

Rectangle

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



47.6290, 53.4269, 37.1594



54.9360, 1.0176, 93.8951



45.1990, -22.2831, -39.6395



55.8860, 5.9722, -49.0120

Sweetspot

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



47.6290, 53.4269, 37.1594



161.5930, 20.9067, 14.3889



62.1300, 46.2779, -50.1030



76.0840, 12.7766, 8.6963



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



47.6290, 53.4269, 37.1594



57.6410, 72.1550, 50.3038



66.4510, 40.2037, 78.5345



73.4070, 2.7573, 2.2741



40.2220, 50.6696, 34.8853



4.4010, 5.2253, 4.0333

Inverse Universe

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



57.6730, 6.5702, 86.2328



71.1420, 8.8040, 116.5165



94.5490, -40.2037, -78.5345



73.8480, 0.5679, 4.5183



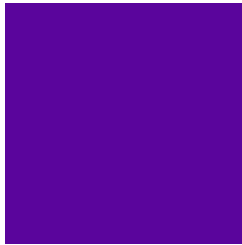
49.8250, 6.0023, 81.7145



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 47.6290, 53.4269, 37.1594 looks on a white background.

Color Contrast Check

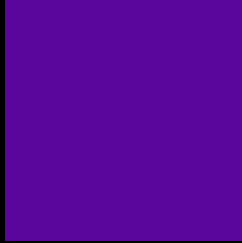
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.6290, 53.4269, 37.1594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

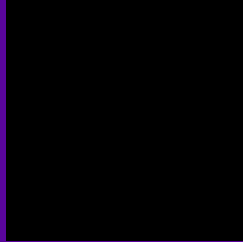
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.6290, 53.4269, 37.1594

Background



This preview shows how black text looks on a background with the YUV color 47.6290, 53.4269, 37.1594.



This preview shows how white text looks on a background with the YUV color 47.6290, 53.4269,

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

47.6290, 53.4269, 37.1594

Protanopia

50.5130, 38.6941, -44.2999

Deuteranopia

50.8090, 29.6742, -44.5595



Tritanopia

64.2610, 0.8573, 5.0331

Trichromacy



Original Color

47.6290, 53.4269, 37.1594

Protanomaly

49.7800, 43.9855, -14.7161

Deuteranomaly

49.5860, 38.1651, -14.5459

Tritanomaly

58.3760, 20.0276, 16.3332

Monochromacy



Original Color

47.6290, 53.4269, 37.1594

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.5390, 19.4543, 13.5593

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.6290, 53.4269, 37.1594 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(90, 5, 156)` looks like.

```
.text, #text, p{  
    color:rgb(90, 5, 156)  
}
```

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(90, 5, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 5, 156) }
```

Border

The CSS property to change the border of an element to YUV 47.6290, 53.4269, 37.1594 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(90, 5, 156) }
```


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

```
.border{ border-color:rgb(90, 5, 156) }
```

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

Here you see how a box with a 4 pixel rgb(90, 5, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 5, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 5, 156);  
box-shadow:4px 4px 4px 4px rgb(90, 5, 156)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.6290, 53.4269, 37.1594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 5, 156) }
```

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

```
.background{ background-color: rgb(90, 5,  
156) }
```

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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