

# Converting Colors

YUV(47.9520, 6.4327, 36.8761)

Have a look what the booklet for  
YUV(47.9520, 6.4327, 36.8761)  
contains.

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# Color

**YUV(47.9520, 6.4327,  
36.8761)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5A183D
RGB	90, 24, 61
RGB Percent	35%, 9%, 24%
CMY	0.6471, 0.9059, 0.7608
CMYK	0.00, 0.73, 0.32, 0.65
HSL	326°, 58%, 22%
HSV	326°, 73%, 35%
XYZ	5.3854, 3.1638, 4.7417
YIQ	47.9520, 27.4590, 25.4990

# Conversions

## Conversions Part 2

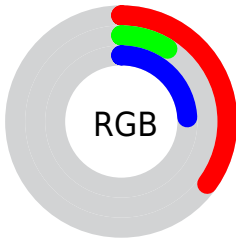
Format	Color
<b>RYB</b>	90, 24, 61
Decimal	5904445
CIELab	20.69, 33.90, -7.11
CIELCh	21, 34.639, 348.157
Yxy	3.1638, 0.4052, 0.2380
Android (android.graphics.Color)	4284094525 (0xFF5A183D)
YUV	47.9520, 6.4327, 36.8761
Hunter-Lab	17.7872, 22.9164, -3.3545

# Details

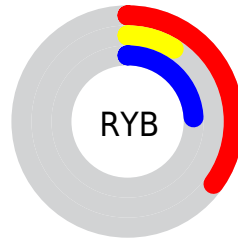
The YUV color **47.9520, 6.4327, 36.8761** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **66.0480, -6.4327, -36.8761**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.9200, 4.9694, 39.5352**, and **15.3220, 1.8133, 25.1506** is the 20% darker color. If you saturate the color by 10%, you get **42.2130, 7.2900, 41.9092**, and if you desaturate by 10%, it is **53.6910, 5.5753, 31.8430**.

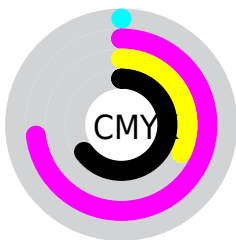
# Distribution



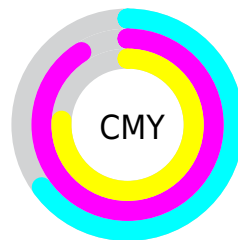
- Red (35%)
- Green (9%)
- Blue (24%)



- Red (35%)
- Yellow (9%)
- Blue (24%)



- Cyan (0%)
- Magenta (73%)
- Yellow (32%)
- Black (65%)



- Cyan (65%)
- Magenta (91%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 47.9520, 6.4327, 36.8761 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 47.9520, 6.4327, 36.8761 by changing the saturation by 10% instead.



■ 47.9520, 6.4327,  
36.8761

■ 47.9520, 6.4327,  
36.8761

■ 255.0000, 0.0000,  
0.0000

■ 23.8810, 7.4537,  
36.0614

■ 97.9200, 4.9694,  
39.5352

■ 15.3220, 1.8133,  
25.1506

■ 123.6320, 5.1114,  
40.6647

■ 0.0000, 0.0000,  
0.0000

■ 150.2300, 4.8166,  
41.8943

■ 177.2410, 4.8112,  
43.6386

■ 204.6540, 5.1006,  
44.1534

■ 224.2820, 9.2280,

26.9397

242.6730, 6.0772,  
10.8108

47.9520, 6.4327,  
36.8761

47.9520, 6.4327,  
36.8761

42.2130, 7.2900,  
41.9092

53.6910, 5.5753,  
31.8430

36.4740, 8.1473,  
46.9423

59.4300, 4.7180,  
26.8099

32.6100, 8.5733,  
50.3310

65.1690, 3.8607,  
21.7768

70.9080, 3.0034,  
16.7437

76.6470, 2.1460,  
11.7106

■ 82.3860, 1.2887,  
6.6775

■ 88.1250, 0.4314,  
1.6444

■ 93.8640, -0.4260,  
-3.3887

■ 99.6030, -1.2833,  
-8.4218

# Harmonies

## Analogous

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



51.0510, 16.2439, 16.6183



47.9520, 6.4327, 36.8761



46.0100, -4.9349, 42.9642

# Triad

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



47.9520, 6.4327, 36.8761



45.4630, -22.4133, 2.2249



45.1380, 20.6380, -39.5860

# Complementary

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



47.9520, 6.4327, 36.8761



66.0480, -6.4327, -36.8761

# 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.



43.2170, 10.7390, -37.9013



47.9520, 6.4327, 36.8761



39.3010, -13.4594, -23.0660

# Square

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



47.9520, 6.4327, 36.8761



47.3450, -23.3411, 19.8684



40.1390, -1.0545, -35.2019



44.2720, 27.4739, -38.8265



# Rectangle

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



47.9520, 6.4327, 36.8761



46.8000, -13.2124, 37.8864



40.1390, -1.0545, -35.2019



45.0410, 17.7278, -39.5010

# Sweetspot

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



47.9520, 6.4327, 36.8761



100.4840, 2.7194, 14.4845



40.1950, 24.5539, 11.2300



48.8100, 1.5727, 8.9366



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000



# Same Dimension

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



47.9520, 6.4327, 36.8761



51.4090, 10.1514, 57.5233



44.1900, -7.9817, 40.1754



42.8370, 0.5734, 2.7740



39.8440, 10.4299, 61.5268



86.0250, 23.1587, 132.4051



# Inverse Universe

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



47.9520, 6.4327, 36.8761



51.4090, 10.1514, 57.5233



69.8100, 7.9817, -40.1754



42.8370, 0.5734, 2.7740



39.8440, 10.4299, 61.5268

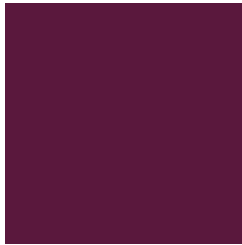


86.0250, 23.1587, 132.4051



# Previews

## White Background



This preview shows how the YUV color 47.9520, 6.4327, 36.8761 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

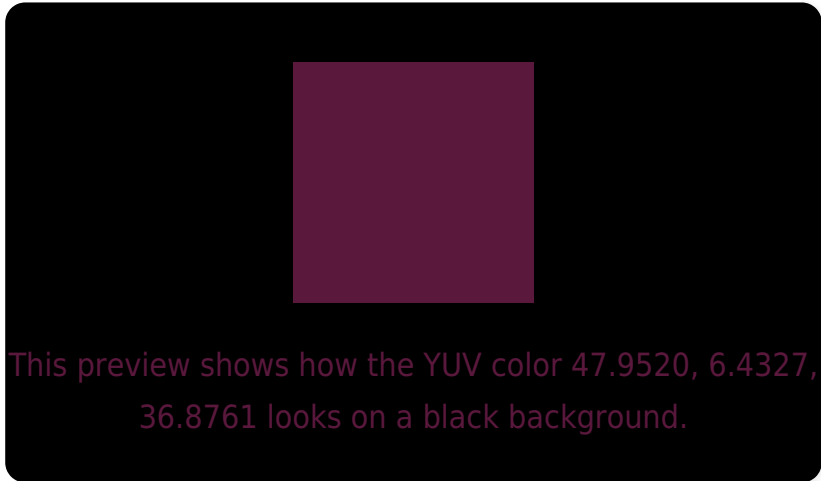
Any Text WCAG AA ✓ Pass

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

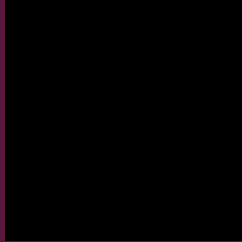
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 47.9520, 6.4327, 36.8761

## Background



This preview shows how black text looks on a background with the YUV color 47.9520, 6.4327, 36.8761.



This preview shows how white text looks on a background with the YUV color 47.9520, 6.4327,



# 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

47.9520, 6.4327, 36.8761

### Protanopia

50.7290, 14.4306, -8.5323

### Deuteranopia

51.8090, 3.0522, 1.0445



## Tritanopia

48.9720, -7.3812, 34.2276

# Trichromacy



## Original Color

47.9520, 6.4327, 36.8761

## Protanomaly

50.0300, 11.3242, 7.8667

## Deuteranomaly

50.5270, 4.1772, 13.5698

## Tritanomaly

48.6500, -2.2924, 35.3869

# Monochromacy



## Original Color

47.9520, 6.4327, 36.8761

## Achromatopsia

48.0000, 0.0000, 0.0000

## Achromatomaly

47.7720, 2.5774, 13.3550

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 47.9520, 6.4327, 36.8761 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, 24, 61)` looks like.

```
.text, #text, p{  
    color:rgb(90, 24, 61)  
}
```

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, 24, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 24, 61) }
```

## Border

The CSS property to change the border of an element to YUV 47.9520, 6.4327, 36.8761 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, 24, 61) }
```



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

```
.border{ border-color:rgb(90, 24, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 24, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 24, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 24, 61);  
box-shadow:4px 4px 4px 4px rgb(90, 24, 61)  
}
```

# Background

The CSS property to change the background color of an element to YUV 47.9520, 6.4327, 36.8761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 24, 61) }
```

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

```
.background{ background-color: rgb(90, 24,  
61) }
```

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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