

# Converting Colors

YUV(47.6070, 9.5607, 13.4997)

Have a look what the booklet for  
YUV(47.6070, 9.5607, 13.4997)  
contains.

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# Color

**YUV(47.6070, 9.5607,  
13.4997)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F2443
RGB	63, 36, 67
RGB Percent	25%, 14%, 26%
CMY	0.7529, 0.8588, 0.7373
CMYK	0.06, 0.46, 0.00, 0.74
HSL	292°, 30%, 20%
HSV	292°, 46%, 26%
XYZ	3.6939, 2.7238, 5.6412
YIQ	47.6070, 6.1410, 15.3650

# Conversions

## Conversions Part 2

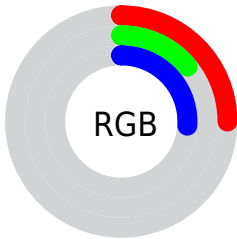
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	63, 36, 67
Decimal	4138051
CIE Lab	18.90, 18.92, -14.38
CIE LCh	19, 23.770, 322.763
Yxy	2.7238, 0.3063, 0.2259
Android (android.graphics.Color)	4282328131 (0xFF3F2443)
YUV	47.6070, 9.5607, 13.4997
Hunter-Lab	16.5038, 11.0703, -8.7135

# Details

The YUV color **47.6070, 9.5607, 13.4997** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **55.3930, -9.5607, -13.4997**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.8460, 10.4289, 15.0441**, and **8.7160, 7.5350, 9.8961** is the 20% darker color. If you saturate the color by 10%, you get **43.1990, 11.7339, 16.4885**, and if you desaturate by 10%, it is **52.0150, 7.3876, 10.5108**.

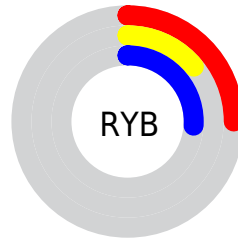
# Distribution



 Red (25%)

 Green (14%)

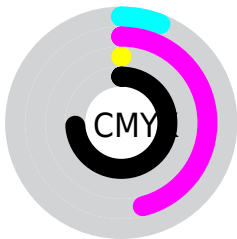
 Blue (26%)



 Red (25%)

 Yellow (14%)

 Blue (26%)

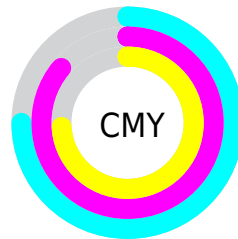


 Cyan (6%)


 Magenta (46%)

 Yellow (0%)

 Black (74%)



 Cyan (75%)

 Magenta (86%)

 Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 47.6070, 9.5607, 13.4997 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 47.6070, 9.5607, 13.4997 by changing the saturation by 10% instead.



■ 47.6070, 9.5607,  
13.4997

■ 47.6070, 9.5607,  
13.4997

■ 255.0000, 0.0000,  
0.0000

■ 25.8950, 9.4188,  
12.3701

■ 93.8460, 10.4289,  
15.0441

■ 8.7160, 7.5350,  
9.8961

■ 119.2590, 10.7183,  
15.5589

■ 0.0000, 0.0000,  
0.0000

■ 144.9710, 10.8603,  
16.6884

■ 171.3840, 11.1497,  
17.2032

■ 198.7970, 11.4391,  
17.7180

■ 226.9110, 11.8759,

17.6181

246.7820, 4.0515,  
7.2072

47.6070, 9.5607,  
13.4997

47.6070, 9.5607,  
13.4997

43.1990, 11.7339,  
16.4885

52.0150, 7.3876,  
10.5108

39.3780, 13.6176,  
18.9625

55.8360, 5.5039,  
8.0368

34.9700, 15.7908,  
21.9513

60.2440, 3.3307,  
5.0480

30.8610, 17.8165,  
25.5549

64.3530, 1.3050,  
1.4444

27.0400, 19.7003,  
28.0289

68.7610, -0.8682,  
-1.5444

■ 24.9800, 20.7159,  
28.9585

■ 72.5820, -2.7519,  
-4.0184

■ 76.9900, -4.9251,  
-7.0072

■ 81.3980, -7.0982,  
-9.9960

■ 85.2190, -8.9820,  
-12.4701

# Harmonies

## Analogous

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



46.0930, 15.7302, -5.3436



47.6070, 9.5607, 13.4997



46.4360, 2.2501, 25.0506

# Triad

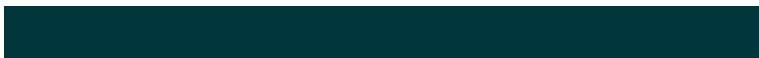
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.6070, 9.5607, 13.4997



44.4950, -17.4990, 12.7209



38.4240, 10.1440, -33.6978

# Complementary

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



47.6070, 9.5607, 13.4997



55.3930, -9.5607, -13.4997

# 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.



36.3720, 2.2816, -31.8982



47.6070, 9.5607, 13.4997



42.9880, -15.2771, 0.0105

# Square

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



47.6070, 9.5607, 13.4997



45.1140, -12.8742, 22.7020



39.5390, -7.6607, -16.2587



39.4330, 16.5485, -34.5827



# Rectangle

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



47.6070, 9.5607, 13.4997



45.9650, -3.4337, 28.0947



39.5390, -7.6607, -16.2587



37.7400, 7.5232, -33.0980

# Sweetspot

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



47.6070, 9.5607, 13.4997



79.3580, 3.7675, 4.9480



41.8820, 12.3832, -5.1585



38.5920, 2.1731, 2.9888



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000



# Same Dimension

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



47.6070, 9.5607, 13.4997



56.1440, 15.2120, 20.9217



47.5490, 4.1663, 17.0585



31.2390, 0.8682, 1.5444



36.1740, 29.9872, 41.9434



83.8410, 69.0984, 97.4864



# Inverse Universe

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



45.7250, -2.8224, 18.6582



53.3350, -4.6022, 29.5242



55.4510, -4.1663, -17.0585



30.8970, -0.4422, 1.8443



30.4850, -8.6201, 58.3337



70.2820, -20.3520, 134.8107



# Previews

## White Background



This preview shows how the YUV color 47.6070, 9.5607, 13.4997 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

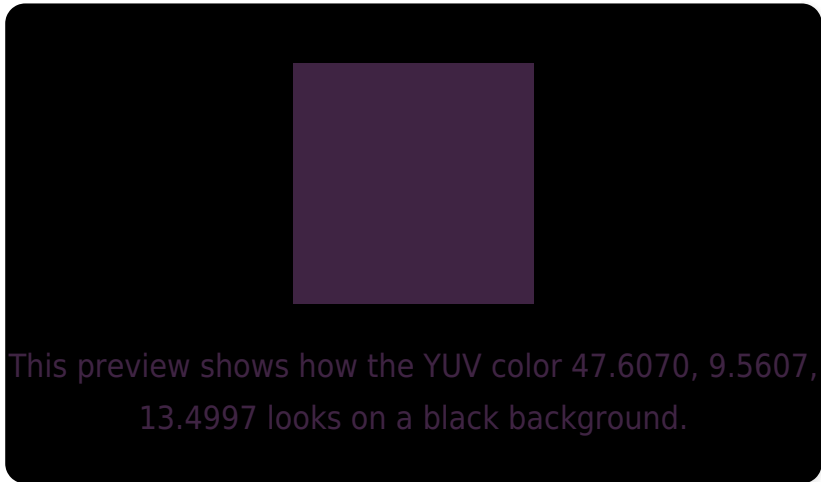
Any Text WCAG AA ✓ Pass

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

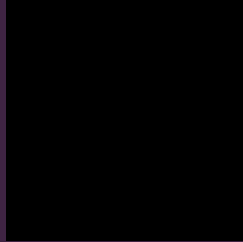
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 47.6070, 9.5607, 13.4997

## Background



This preview shows how black text looks on a background with the YUV color 47.6070, 9.5607, 13.4997.



This preview shows how white text looks on a background with the YUV color 47.6070, 9.5607, 13.4997.



# 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

47.6070, 9.5607, 13.4997

### Protanopia

45.4300, 14.5780, -9.1471

### Deuteranopia

46.3720, 9.1836, -5.5882



## Tritanopia

47.0230, -1.4903, 11.3808

# Trichromacy



## Original Color

47.6070, 9.5607, 13.4997

## Protanomaly

46.3170, 12.6617, -1.1550

## Deuteranomaly

46.5300, 9.5987, 1.2892

## Tritanomaly

47.0600, 2.4354, 12.2254

# Monochromacy



## Original Color

47.6070, 9.5607, 13.4997

## Achromatopsia

48.0000, 0.0000, 0.0000

## Achromatomaly

47.9450, 3.4781, 4.4332

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 47.6070, 9.5607, 13.4997 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(63, 36, 67)` looks like.

```
.text, #text, p{  
    color:rgb(63, 36, 67)  
}
```

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(63, 36, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 36, 67) }
```

## Border

The CSS property to change the border of an element to YUV 47.6070, 9.5607, 13.4997 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(63, 36, 67) }
```



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

```
.border{ border-color:rgb(63, 36, 67) }
```

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

Here you see how a box with a 4 pixel rgb(63, 36, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 36, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 36, 67);  
box-shadow:4px 4px 4px 4px rgb(63, 36, 67)  
}
```

# Background

The CSS property to change the background color of an element to YUV 47.6070, 9.5607, 13.4997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 36, 67) }
```

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

```
.background{ background-color: rgb(63, 36,  
67) }
```

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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