

Converting Colors

YUV(49.6560, 15.4526, 37.1357)

Have a look what the booklet for
YUV(49.6560, 15.4526, 37.1357)
contains.

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Color

**YUV(49.6560, 15.4526,
37.1357)**

Conversions

Conversions Part 1

Format	Color
Hex	5C1651
RGB	92, 22, 81
RGB Percent	36%, 9%, 32%
CMY	0.6392, 0.9137, 0.6824
CMYK	0.00, 0.76, 0.12, 0.64
HSL	309°, 61%, 22%
HSV	309°, 76%, 36%
XYZ	6.1857, 3.4432, 8.1232
YIQ	49.6560, 22.7810, 33.1890

Conversions

Conversions Part 2

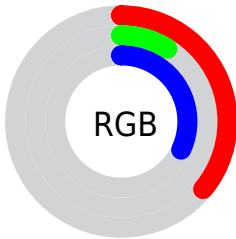
Format	Color
R_{YB}	92, 22, 81
Decimal	6035025
CIE Lab	21.74, 38.46, -19.13
CIE LCh	22, 42.951, 333.553
Yxy	3.4432, 0.3485, 0.1940
Android (android.graphics.Color)	4284225105 (0xFF5C1651)
YUV	49.6560, 15.4526, 37.1357
Hunter-Lab	18.5559, 27.0315, -12.9661

Details

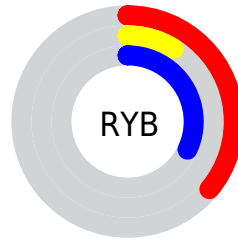
The YUV color **49.6560, 15.4526, 37.1357** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **64.3440, -15.4526, -37.1357**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.1400, 14.7210, 38.4652**, and **17.5590, 9.0914, 24.0658** is the 20% darker color. If you saturate the color by 10%, you get **44.2590, 17.6203, 41.8689**, and if you desaturate by 10%, it is **55.0530, 13.2849, 32.4025**.

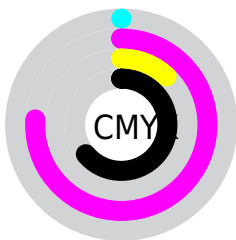
Distribution



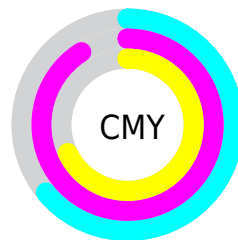
- Red (36%)
- Green (9%)
- Blue (32%)



- Red (36%)
- Yellow (9%)
- Blue (32%)



- Cyan (0%)
- Magenta (76%)
- Yellow (12%)
- Black (64%)



- Cyan (64%)
- Magenta (91%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.6560, 15.4526, 37.1357 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 49.6560, 15.4526, 37.1357 by changing the saturation by 10% instead.

■ 49.6560, 15.4526,
37.1357

■ 49.6560, 15.4526,
37.1357

■ 255.0000, 0.0000,
0.0000

■ 26.6450, 15.4580,
35.3913

■ 101.1400, 14.7210,
38.4652

■ 17.5590, 9.0914,
24.0658

■ 126.8520, 14.8630,
39.5948

■ 1.9660, 4.9468,
0.0298

■ 153.5640, 15.0049,
40.7244

■ 0.0000, 0.0000,
0.0000


■ 180.5750, 14.9995,
42.4687


■ 208.0910, 15.7311,
41.1392


■ 226.2370, 14.1802,

25.2252


 242.6730, 6.0772,
10.8108


 49.6560, 15.4526,
37.1357

 49.6560, 15.4526,
37.1357

 44.2590, 17.6203,
41.8689

 55.0530, 13.2849,
32.4025


 38.7480, 19.3512,
46.7020

 60.5640, 11.5539,
27.5694

 36.4000, 20.5088,
48.7612

 66.5480, 9.0968,
22.3214

 72.0590, 7.3659,
17.4883

 77.4560, 5.1982,
12.7551

■ 82.9670, 3.4673,
7.9219

■ 88.3640, 1.2995,
3.1888

■ 94.4620, -0.7208,
-2.1592

■ 99.8590, -2.8885,
-6.8923

Harmonies

Analogous

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



52.8840, 26.1862, 0.9787



49.6560, 15.4526, 37.1357



41.5030, 4.1890, 56.5639

Triad

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



49.6560, 15.4526, 37.1357



49.0620, -24.1876, 11.3466



48.0730, 19.1910, -42.1600

Complementary

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



49.6560, 15.4526, 37.1357



64.3440, -15.4526, -37.1357

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.



45.0120, 4.9241, -39.4755



49.6560, 15.4526, 37.1357



43.8910, -21.6383, -13.0594

Square

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



49.6560, 15.4526, 37.1357



48.9060, -24.1107, 33.4084



39.9620, -9.3483, -35.0467



49.4070, 29.3793, -43.3299

Rectangle

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



49.6560, 15.4526, 37.1357



43.2180, -7.0095, 55.0598



39.9620, -9.3483, -35.0467



47.5200, 14.5336, -41.6750

Sweetspot

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



49.6560, 15.4526, 37.1357



103.1080, 6.3558, 14.8143



33.2690, 28.9544, -0.2359



50.7930, 4.0461, 8.9515



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



49.6560, 15.4526, 37.1357



54.0790, 24.1181, 57.8127



45.6660, 0.1647, 40.6349



42.9510, 1.0102, 2.6740



43.3780, 23.9706, 58.4275



93.6630, 52.4241, 125.7065

Inverse Universe

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



49.6560, 15.4526, 37.1357



54.0790, 24.1181, 57.8127



68.2200, -0.6015, -40.5349



42.9510, 1.0102, 2.6740



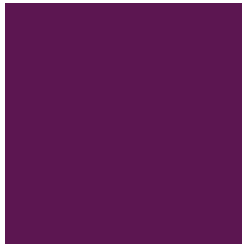
43.3780, 23.9706, 58.4275



93.6630, 52.4241, 125.7065

Previews

White Background



This preview shows how the YUV color 49.6560, 15.4526, 37.1357 looks on a white background.

Color Contrast Check

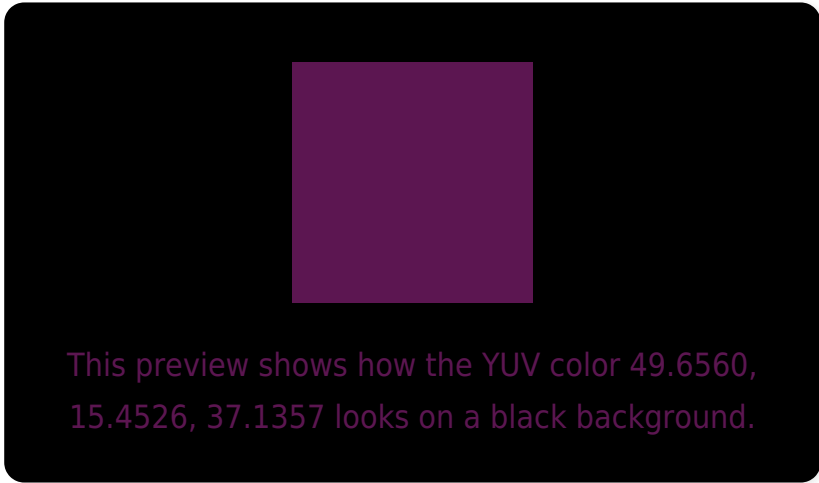
Large Text (above 18pt) WCAG AA ✓ Pass

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

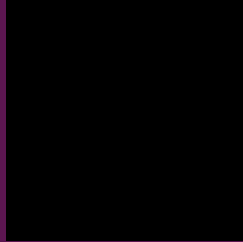
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.6560, 15.4526, 37.1357

Background



This preview shows how black text looks on a background with the YUV color 49.6560, 15.4526, 37.1357.



This preview shows how white text looks on a background with the YUV color 49.6560, 15.4526,

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

49.6560, 15.4526, 37.1357

Protanopia

48.1040, 29.0357, -26.4012

Deuteranopia

53.3440, 11.6624, -7.3177



Tritanopia

52.4770, -6.6442, 31.1537

Trichromacy



Original Color

49.6560, 15.4526, 37.1357

Protanomaly

48.6940, 24.3079, -3.2396

Deuteranomaly

52.0840, 12.7766, 8.6963

Tritanomaly

51.5510, 1.2074, 32.8428

Monochromacy



Original Color

49.6560, 15.4526, 37.1357

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.8690, 5.4876, 13.2699

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.6560, 15.4526, 37.1357 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(92, 22, 81)` looks like.

```
.text, #text, p{  
    color:rgb(92, 22, 81)  
}
```

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(92, 22, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 22, 81) }
```

Border

The CSS property to change the border of an element to YUV 49.6560, 15.4526, 37.1357 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(92, 22, 81) }
```


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

```
.border{ border-color:rgb(92, 22, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 22, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 22, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 22, 81);  
box-shadow:4px 4px 4px 4px rgb(92, 22, 81)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.6560, 15.4526, 37.1357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 22, 81) }
```

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

```
.background{ background-color: rgb(92, 22,  
81) }
```

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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