

Converting Colors

YUV(47.0220, 27.1042, 33.3067)

Have a look what the booklet for
YUV(47.0220, 27.1042, 33.3067)
contains.

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Color

**YUV(47.0220, 27.1042,
33.3067)**

Conversions

Conversions Part 1

Format	Color
Hex	551166
RGB	85, 17, 102
RGB Percent	33%, 7%, 40%
CMY	0.6667, 0.9333, 0.6000
CMYK	0.17, 0.83, 0.00, 0.60
HSL	288°, 71%, 23%
HSV	288°, 83%, 40%
XYZ	6.3450, 3.2915, 12.8713
YIQ	47.0220, 13.2430, 40.8510

Conversions

Conversions Part 2

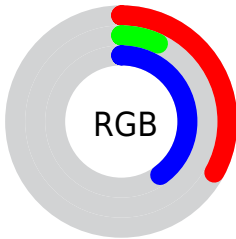
Format	Color
R_{YB}	85, 17, 102
Decimal	5575014
CIE _{Lab}	21.18, 42.59, -34.06
CIE _{LCh}	21, 54.537, 321.351
Yxy	3.2915, 0.2819, 0.1462
Android (android.graphics.Color)	4283765094 (0xFF551166)
YUV	47.0220, 27.1042, 33.3067
Hunter-Lab	18.1425, 30.6780, -29.3638

Details

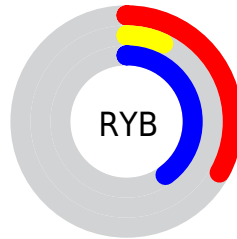
The YUV color **47.0220, 27.1042, 33.3067** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **71.9780, -27.1042, -33.3067**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.3210, 26.9567, 33.9215**, and **17.6320, 18.4224, 17.8627** is the 20% darker color. If you saturate the color by 10%, you get **40.5540, 30.2929, 37.2251**, and if you desaturate by 10%, it is **53.4900, 23.9154, 29.3883**.

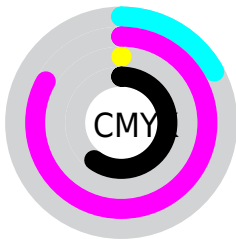
Distribution



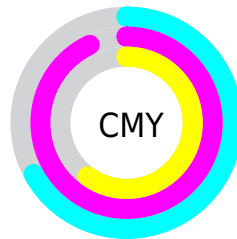
- Red (33%)
- Green (7%)
- Blue (40%)



- Red (33%)
- Yellow (7%)
- Blue (40%)



- Cyan (17%)
- Magenta (83%)
- Yellow (0%)
- Black (60%)



- Cyan (67%)
- Magenta (93%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.0220, 27.1042, 33.3067 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 47.0220, 27.1042, 33.3067 by changing the saturation by 10% instead.

47.0220, 27.1042,
33.3067

47.0220, 27.1042,
33.3067

255.0000, 0.0000,
0.0000

26.8320, 25.2258,
29.0883

99.3210, 26.9567,
33.9215

17.6320, 18.4224,
17.8627

125.7340, 27.2461,
34.4363

3.6480, 13.9775,
-3.1993

151.8590, 27.6775,
36.0807

0.4560, 1.7472,
-0.3999


179.3860, 28.4037,
36.4955


0.0000, 0.0000,
0.0000


206.2570, 24.0303,
39.2396


223.8890, 15.3377,


27.2843


 240.9120, 6.9454,
12.3552


 47.0220, 27.1042,
33.3067

 47.0220, 27.1042,
33.3067


 40.5540, 30.2929,
37.2251


 53.4900, 23.9154,
29.3883

 36.1460, 32.4660,
40.2140

 59.9580, 20.7267,
25.4698

 67.0130, 17.2486,
21.0366

 73.4810, 14.0599,
17.1182

 79.9490, 10.8711,
13.1997

■ 86.4170, 7.6824,
9.2813

■ 92.8850, 4.4937,
5.3629

■ 99.9400, 1.0156,
0.9296

■ 106.4080, -2.1731,
-2.9888

Harmonies

Analogous

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



41.4800, 42.1614, -36.3780



47.0220, 27.1042, 33.3067



41.0830, 11.2981, 63.0712

Triad

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



47.0220, 27.1042, 33.3067



48.2420, -23.7833, 21.7128



48.3350, 15.1178, -42.3898

Complementary

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



47.0220, 27.1042, 33.3067



71.9780, -27.1042, -33.3067

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.



42.9600, -2.9383, -37.6759



47.0220, 27.1042, 33.3067



44.2230, -21.8019, -7.2116

Square

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



47.0220, 27.1042, 33.3067



42.5260, -20.9653, 51.2817



36.9810, -18.2316, -32.4323



51.7380, 30.6952, -45.3742

Rectangle

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



47.0220, 27.1042, 33.3067



39.6140, -0.7957, 68.7445



36.9810, -18.2316, -32.4323



46.2660, 9.7289, -40.5753

Sweetspot

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



47.0220, 27.1042, 33.3067



110.9490, 10.8711, 13.1997



36.6690, 32.2082, -17.2497



53.0640, 6.3774, 7.8369



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



47.0220, 27.1042, 33.3067



46.8560, 42.4690, 51.8693



49.2550, 13.6783, 46.2574



47.7660, 1.5944, 1.9592



40.6180, 36.6703, 45.0620



85.5940, 77.1082, 95.0721

Inverse Universe

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



44.3530, -5.1040, 50.5564



42.8450, -7.8116, 79.0659



69.8590, -13.2415, -46.3573



47.6090, -0.3002, 2.9739



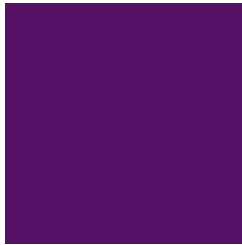
37.0070, -6.9055, 68.3999



77.8300, -14.7062, 143.9771

Previews

White Background



This preview shows how the YUV color 47.0220, 27.1042, 33.3067 looks on a white background.

Color Contrast Check

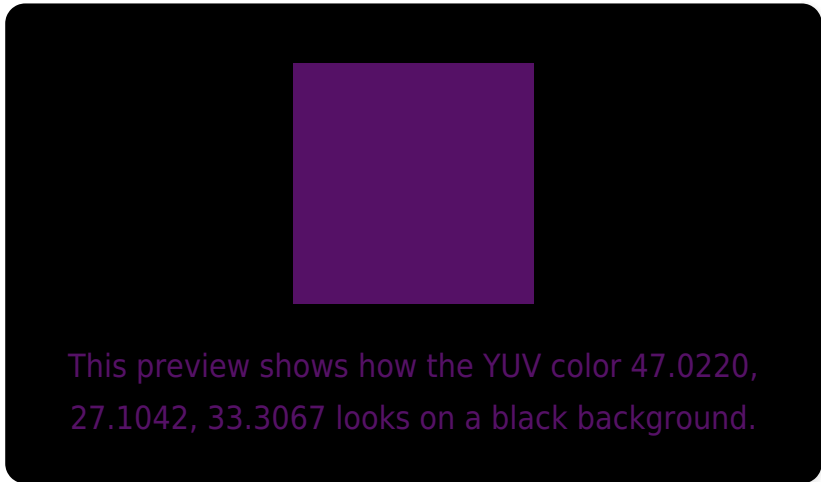
Large Text (above 18pt) WCAG AA ✓ Pass

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

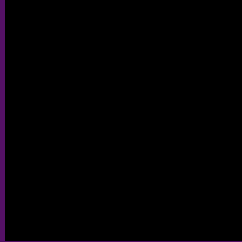
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.0220, 27.1042, 33.3067

Background



This preview shows how black text looks on a background with the YUV color 47.0220, 27.1042, 33.3067.



This preview shows how white text looks on a background with the YUV color 47.0220, 27.1042,

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

47.0220, 27.1042, 33.3067

Protanopia

42.2490, 32.4152, -37.0524

Deuteranopia

42.5280, 25.8687, -37.2971



Tritanopia

52.8070, -3.8489, 21.2173

Trichromacy



Original Color

47.0220, 27.1042, 33.3067

Protanomaly

44.2460, 30.4447, -11.6167

Deuteranomaly

44.5080, 26.3716, -11.8465

Tritanomaly

50.8150, 7.4862, 25.5952

Monochromacy



Original Color

47.0220, 27.1042, 33.3067

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0090, 9.8556, 12.2701

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.0220, 27.1042, 33.3067 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(85, 17, 102)` looks like.

```
.text, #text, p{  
    color:rgb(85, 17, 102)  
}
```

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(85, 17, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 17, 102) }
```

Border

The CSS property to change the border of an element to YUV 47.0220, 27.1042, 33.3067 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(85, 17, 102) }
```


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

```
.border{ border-color:rgb(85, 17, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 17, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 17, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 17, 102);  
box-shadow:4px 4px 4px 4px rgb(85, 17,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 47.0220, 27.1042, 33.3067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 17, 102) }
```

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

```
.background{ background-color: rgb(85, 17,  
102) }
```

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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