

Converting Colors

YUV(67.3060, 19.5691, 23.4106)

Have a look what the booklet for
YUV(67.3060, 19.5691, 23.4106)
contains.

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Color

**YUV(67.3060, 19.5691,
23.4106)**

Conversions

Conversions Part 1

Format	Color
Hex	5E2E6B
RGB	94, 46, 107
RGB Percent	37%, 18%, 42%
CMY	0.6314, 0.8196, 0.5804
CMYK	0.12, 0.57, 0.00, 0.58
HSL	287°, 40%, 30%
HSV	287°, 57%, 42%
XYZ	8.2469, 5.3952, 14.5166
YIQ	67.3060, 9.0270, 29.1470

Conversions

Conversions Part 2

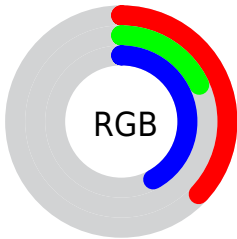
Format	Color
R_{YB}	94, 46, 107
Decimal	6172267
CIE _{Lab}	27.83, 32.42, -26.60
CIE _{LCh}	28, 41.937, 320.634
Yxy	5.3952, 0.2929, 0.1916
Android (android.graphics.Color)	4284362347 (0xFF5E2E6B)
YUV	67.3060, 19.5691, 23.4106
Hunter-Lab	23.2276, 22.7279, -20.7954

Details

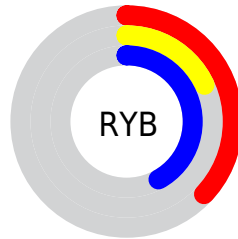
The YUV color **67.3060, 19.5691, 23.4106** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **85.6940, -19.5691, -23.4106**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.9580, 20.7267, 25.4698**, and **20.1810, 19.1378, 21.7663** is the 20% darker color. If you saturate the color by 10%, you get **60.2510, 23.0473, 27.8439**, and if you desaturate by 10%, it is **74.3610, 16.0910, 18.9774**.

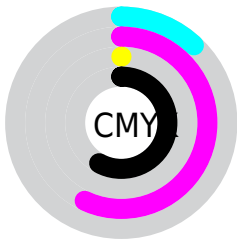
Distribution



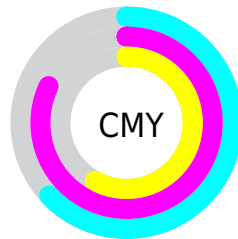
- Red (37%)
- Green (18%)
- Blue (42%)



- Red (37%)
- Yellow (18%)
- Blue (42%)



- Cyan (12%)
- Magenta (57%)
- Yellow (0%)
- Black (58%)



- Cyan (63%)
- Magenta (82%)
- Yellow (58%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.3060, 19.5691, 23.4106 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 67.3060, 19.5691, 23.4106 by changing the saturation by 10% instead.

67.3060, 19.5691,
23.4106

67.3060, 19.5691,
23.4106

255.0000, 0.0000,
0.0000

43.0070, 19.7165,
22.7959

116.9580, 20.7267,
25.4698

20.1810, 19.1378,
21.7663

143.3710, 21.0161,
25.9846

11.6930, 12.4764,
11.6702

170.1970, 21.5949,
27.0142

2.0690, 5.3890,
-1.8145

197.6100, 21.8843,
27.5290

0.0000, 0.0000,
0.0000

222.7150, 15.9165,
28.3139

239.7380, 7.5242,

13.3848

■ 67.3060, 19.5691,
23.4106

■ 67.3060, 19.5691,
23.4106

■ 60.2510, 23.0473,
27.8439

■ 74.3610, 16.0910,
18.9774

■ 53.4840, 26.3834,
31.1475

■ 81.1280, 12.7549,
15.6737

■ 46.4290, 29.8615,
35.5808

■ 88.1830, 9.2768,
11.2405

■ 39.3740, 33.3396,
40.0140

■ 95.2380, 5.7987,
6.8073

■ 37.3140, 34.3552,
40.9436

■ 102.2930, 2.3206,
2.3740

■ 109.0600, -1.0156,
-0.9296

■ 116.1150, -4.4937,
-5.3629

■ 123.1700, -7.9718,
-9.7961

■ 129.9370,
-11.3079, -13.0997

Harmonies

Analogous

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



63.0170, 31.0506, -19.3089



67.3060, 19.5691, 23.4106



62.8440, 6.9789, 48.3718

Triad

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



67.3060, 19.5691, 23.4106



62.4180, -30.7721, 23.3124



56.9920, 15.2869, -49.9820

Complementary

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



67.3060, 19.5691, 23.4106



85.6940, -19.5691, -23.4106

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.



53.1160, 0.4358, -46.5827



67.3060, 19.5691, 23.4106



59.3180, -29.2438, -0.2789

Square

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



67.3060, 19.5691, 23.4106



62.4880, -23.4116, 42.5450



51.1810, -14.8792, -34.3617



58.8960, 27.6593, -51.6518

Rectangle

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



67.3060, 19.5691, 23.4106



60.4720, -2.2047, 53.9601



51.1810, -14.8792, -34.3617



55.7380, 10.4822, -48.8822

Sweetspot

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



67.3060, 19.5691, 23.4106



124.4170, 7.6824, 9.2813



60.5850, 22.8826, -12.7910



61.8850, 4.4937, 5.3629



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



67.3060, 19.5691, 23.4106



78.2550, 30.4403, 36.6104



69.2550, 10.2273, 33.1024



49.8800, 2.0312, 1.8592



40.8460, 37.5439, 44.8621



85.6370, 78.5660, 94.1574

Inverse Universe

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



65.7210, -3.3135, 36.2017



75.6850, -5.2677, 56.4043



83.7450, -10.2273, -33.1024



49.9080, -0.4476, 3.5887



37.8330, -6.3267, 69.4295



79.1830, -13.4012, 145.4215

Previews

White Background



This preview shows how the YUV color 67.3060, 19.5691, 23.4106 looks on a white background.

Color Contrast Check

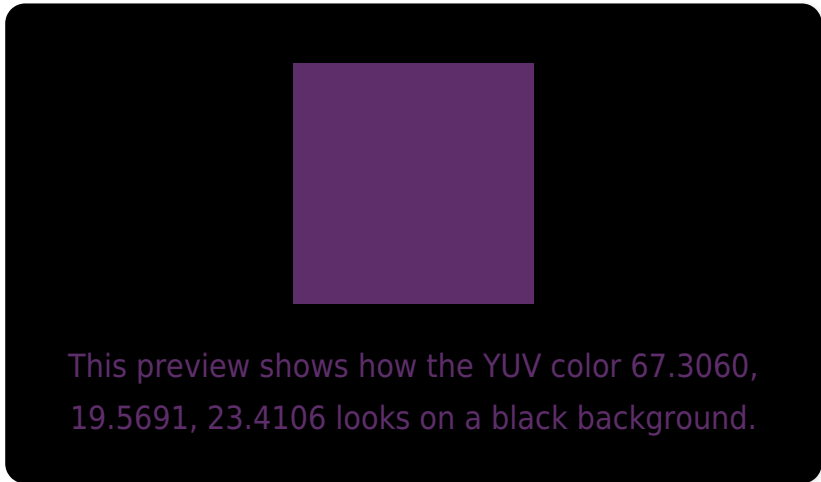
Large Text (above 18pt) WCAG AA ✓ Pass

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

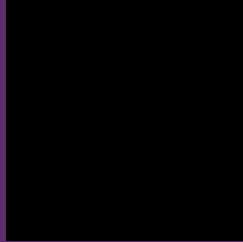
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.3060, 19.5691, 23.4106

Background



This preview shows how black text looks on a background with the YUV color 67.3060, 19.5691, 23.4106.



This preview shows how white text looks on a background with the YUV color 67.3060, 19.5691,

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

67.3060, 19.5691, 23.4106

Protanopia

61.8700, 30.6301, -24.4420

Deuteranopia

64.5370, 18.9623, -15.3799



Tritanopia

67.4260, -2.6750, 18.0434

Trichromacy



Original Color

67.3060, 19.5691, 23.4106

Protanomaly

63.6550, 26.7921, -6.7134

Deuteranomaly

65.6250, 18.9189, -1.4251

Tritanomaly

67.5000, 5.1765, 19.7325

Monochromacy



Original Color

67.3060, 19.5691, 23.4106

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0040, 7.3930, 8.7665

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.3060, 19.5691, 23.4106 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(94, 46, 107)` looks like.

```
.text, #text, p{  
    color:rgb(94, 46, 107)  
}
```

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(94, 46, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 46, 107) }
```

Border

The CSS property to change the border of an element to YUV 67.3060, 19.5691, 23.4106 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(94, 46, 107) }
```


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

```
.border{ border-color:rgb(94, 46, 107) }
```

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

Here you see how a box with a 4 pixel rgb(94, 46, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 46, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 46, 107);  
box-shadow:4px 4px 4px 4px rgb(94, 46,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 67.3060, 19.5691, 23.4106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 46, 107) }
```

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

```
.background{ background-color: rgb(94, 46,  
107) }
```

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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