

Converting Colors

YUV(67.4970, 19.9680, 35.5211)

Have a look what the booklet for
YUV(67.4970, 19.9680, 35.5211)
contains.

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Color

**YUV(67.4970, 19.9680,
35.5211)**

Conversions

Conversions Part 1

Format	Color
Hex	6C276C
RGB	108, 39, 108
RGB Percent	42%, 15%, 42%
CMY	0.5765, 0.8471, 0.5765
CMYK	0.00, 0.64, 0.00, 0.58
HSL	300°, 47%, 29%
HSV	300°, 64%, 42%
XYZ	9.6166, 5.7219, 14.7849
YIQ	67.4970, 18.9750, 36.0870

Conversions

Conversions Part 2

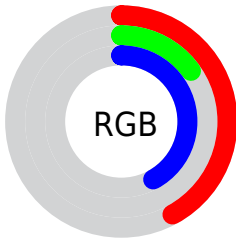
Format	Color
R_{YB}	108, 39, 108
Decimal	7087980
CIE _{Lab}	28.70, 40.32, -25.73
CIE _{LCh}	29, 47.826, 327.454
Yxy	5.7219, 0.3192, 0.1899
Android (android.graphics.Color)	4285278060 (0xFF6C276C)
YUV	67.4970, 19.9680, 35.5211
Hunter-Lab	23.9205, 29.9007, -19.9021

Details

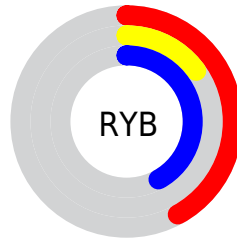
The YUV color **67.4970, 19.9680, 35.5211** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **79.5030, -19.9680, -35.5211**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.9210, 20.2519, 37.7803**, and **23.8830, 17.8057, 29.0436** is the 20% darker color. If you saturate the color by 10%, you get **61.0400, 23.1513, 41.1839**, and if you desaturate by 10%, it is **73.9540, 16.7847, 29.8583**.

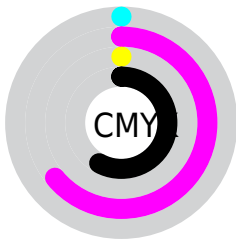
Distribution



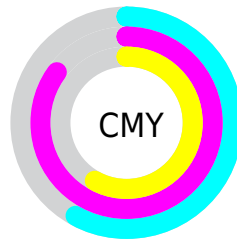
- Red (42%)
- Green (15%)
- Blue (42%)



- Red (42%)
- Yellow (15%)
- Blue (42%)



- Cyan (0%)
- Magenta (64%)
- Yellow (0%)
- Black (58%)



- Cyan (58%)
- Magenta (85%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.4970, 19.9680, 35.5211 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 67.4970, 19.9680, 35.5211 by changing the saturation by 10% instead.

67.4970, 19.9680,
35.5211

67.4970, 19.9680,
35.5211

255.0000, 0.0000,
0.0000

40.4370, 20.9836,
36.4508

118.9210, 20.2519,
37.7803

23.8830, 17.8057,
29.0436

145.3340, 20.5413,
38.2951

15.3950, 11.1443,
18.9476

172.4590, 20.9727,
39.9395

2.2970, 6.2626,
-2.0145

200.1710, 21.1147,
41.0690

0.0000, 0.0000,
0.0000

220.3670, 17.0741,
30.3731

237.3900, 8.6817,

15.4440

254.4130, 0.2894,
0.5148

■ 67.4970, 19.9680,
35.5211

■ 67.4970, 19.9680,
35.5211

■ 61.0400, 23.1513,
41.1839

■ 73.9540, 16.7847,
29.8583

■ 54.5830, 26.3346,
46.8467

■ 80.4110, 13.6014,
24.1956

■ 48.7130, 29.2285,
51.9947

■ 86.2810, 10.7075,
19.0476

■ 44.6040, 31.2542,
55.5983

■ 92.7380, 7.5242,
13.3848

■ 99.1950, 4.3409,
7.7220

■ 105.6520, 1.1576,
2.0592

■ 112.1090, -2.0257,
-3.6036

■ 117.9790, -4.9196,
-8.7516

■ 124.4360, -8.1029,
-14.4144

Harmonies

Analogous

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



66.6530, 33.2021, -9.3427



67.4970, 19.9680, 35.5211



59.1060, 6.3567, 61.2970

Triad

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



67.4970, 19.9680, 35.5211



63.8690, -31.4874, 19.4089



60.8220, 19.8078, -53.3409

Complementary

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



67.4970, 19.9680, 35.5211



79.5030, -19.9680, -35.5211

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.



55.9030, 3.4988, -49.0269



67.4970, 19.9680, 35.5211



58.9750, -29.0747, -7.8711

Square

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



67.4970, 19.9680, 35.5211



62.5500, -30.8371, 44.2447



50.2830, -12.9575, -44.0982



62.3670, 33.3431, -54.6959

Rectangle

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



67.4970, 19.9680, 35.5211



58.7290, -5.2894, 63.3817



50.2830, -12.9575, -44.0982



59.4540, 14.5662, -52.1412

Sweetspot

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



67.4970, 19.9680, 35.5211



124.7380, 7.5242, 13.3848



46.8660, 30.1391, -6.8985



61.6080, 4.6303, 8.2368



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.



67.4970, 19.9680, 35.5211



76.6040, 31.2542, 55.5983



63.6210, 5.1168, 38.9204



50.4780, 1.7363, 3.0888



48.3210, 33.8587, 60.2315



101.1850, 70.9008, 126.1258

Inverse Universe

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



67.4970, 19.9680, 35.5211



76.6040, 31.2542, 55.5983



83.4930, -4.6800, -39.0204



50.4780, 1.7363, 3.0888



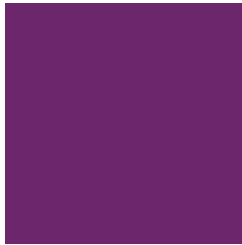
48.3210, 33.8587, 60.2315



101.1850, 70.9008, 126.1258

Previews

White Background



This preview shows how the YUV color 67.4970, 19.9680, 35.5211 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



This preview shows how the YUV color 67.4970, 19.9680, 35.5211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

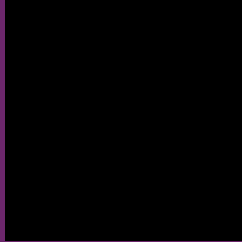
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.4970, 19.9680, 35.5211

Background



This preview shows how black text looks on a background with the YUV color 67.4970, 19.9680, 35.5211.



This preview shows how white text looks on a background with the YUV color 67.4970, 19.9680,

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

67.4970, 19.9680, 35.5211

Protanopia

62.5750, 34.7195, -29.4453

Deuteranopia

67.5050, 17.4990, -12.7209



Tritanopia

68.8080, -5.3283, 29.1094

Trichromacy



Original Color

67.4970, 19.9680, 35.5211

Protanomaly

64.3500, 29.4075, -5.5689

Deuteranomaly

67.2560, 18.6078, 5.0375

Tritanomaly

68.5230, 3.6862, 31.1133

Monochromacy



Original Color

67.4970, 19.9680, 35.5211

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.3250, 7.2348, 12.8700

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.4970, 19.9680, 35.5211 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(108, 39, 108)` looks like.

```
.text, #text, p{  
    color:rgb(108, 39, 108)  
}
```

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(108, 39, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 39, 108) }
```

Border

The CSS property to change the border of an element to YUV 67.4970, 19.9680, 35.5211 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(108, 39, 108) }
```


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

```
.border{ border-color:rgb(108, 39, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 39, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 39, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 39, 108);  
box-shadow:4px 4px 4px 4px rgb(108, 39,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 67.4970, 19.9680, 35.5211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 39, 108) }
```

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

```
.background{ background-color: rgb(108, 39,  
108) }
```

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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