

Converting Colors

YUV(127.4770, 13.5688,
34.6617)

Have a look what the booklet for
YUV(127.4770, 13.5688, 34.6617)
contains.

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Color

**YUV(127.4770, 13.5688,
34.6617)**

Conversions

Conversions Part 1

Format	Color
Hex	A7669B
RGB	167, 102, 155
RGB Percent	65%, 40%, 61%
CMY	0.3451, 0.6000, 0.3922
CMYK	0.00, 0.39, 0.07, 0.35
HSL	311°, 27%, 53%
HSV	311°, 39%, 65%
XYZ	26.6041, 20.0848, 33.4849
YIQ	127.4770, 21.7270, 30.2630

Conversions

Conversions Part 2

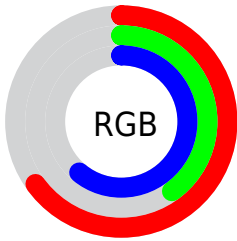
Format	Color
R_{YB}	167, 102, 155
Decimal	10970779
CIE _{Lab}	51.93, 34.26, -17.87
CIE _{LCh}	52, 38.637, 332.448
Yxy	20.0848, 0.3318, 0.2505
Android (android.graphics.Color)	4289160859 (0xFFA7669B)
YUV	127.4770, 13.5688, 34.6617
Hunter-Lab	44.8161, 27.5347, -12.9281

Details

The YUV color **127.4770, 13.5688, 34.6617** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **141.5230, -13.5688, -34.6617**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.0150, 14.2896, 36.8208**, and **77.0530, 13.2849, 32.4025** is the 20% darker color. If you saturate the color by 10%, you get **117.1560, 17.1781, 43.7132**, and if you desaturate by 10%, it is **137.7980, 9.9596, 25.6102**.

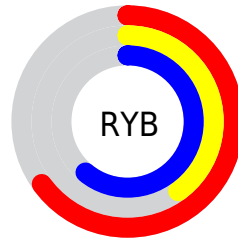
Distribution



Red (65%)

Green (40%)

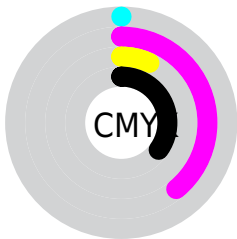
Blue (61%)



Red (65%)

Yellow (40%)

Blue (61%)

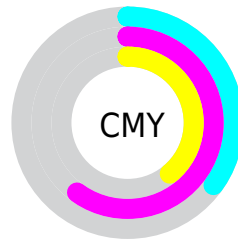


Cyan (0%)

Magenta (39%)

Yellow (7%)

Black (35%)



Cyan (35%)

Magenta (60%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.4770, 13.5688, 34.6617 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 127.4770, 13.5688, 34.6617 by changing the saturation by 10% instead.

127.4770, 13.5688,
34.6617

127.4770, 13.5688,
34.6617

255.0000, 0.0000,
0.0000

101.7650, 13.4269,
33.5321

181.0150, 14.2896,
36.8208

77.0530, 13.2849,
32.4025

209.3140, 14.1422,
37.4356

51.8680, 13.8691,
31.6878

227.9980, 13.3120,
23.6808

26.3950, 14.5953,
32.1026

245.0210, 4.9196,
8.7516

16.5480, 9.0968,
22.3214

1.1400, 4.3680,
-0.9998

0.0000, 0.0000,

0.0000

■ 127.4770, 13.5688,
34.6617

■ 127.4770, 13.5688,
34.6617

■ 117.1560, 17.1781,
43.7132

■ 137.7980, 9.9596,
25.6102

■ 107.4220, 20.4980,
52.2499

■ 147.5320, 6.6397,
17.0734

■ 97.1010, 24.1072,
61.3014

■ 157.8530, 3.0305,
8.0219

■ 86.7800, 27.7165,
70.3529

■ 168.1740, -0.5788,
-1.0296

■ 77.0460, 31.0363,
78.8897

■ 177.9080, -3.8986,
-9.5663

■ 66.7250, 34.6456,
87.9412

■ 188.2290, -7.5079,
-18.6178

■ 65.4370, 34.7876,
89.0708

■ 198.6640,
-10.6804, -27.7693

■ 208.9850,
-14.2896, -36.8208

■ 218.7190,
-17.6095, -45.3576

Harmonies

Analogous

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



126.3080, 26.4702, 3.2379



127.4770, 13.5688, 34.6617



125.5750, -1.7625, 52.1157

Triad

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



127.4770, 13.5688, 34.6617



120.7440, -31.9188, 17.7645



100.1920, 28.4993, -87.8684

Complementary

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



127.4770, 13.5688, 34.6617



141.5230, -13.5688, -34.6617

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.



97.1310, 14.2324, -85.1839



127.4770, 13.5688, 34.6617



117.0010, -25.1435, -8.7709

Square

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



127.4770, 13.5688, 34.6617



122.7990, -28.4949, 39.6413



110.6300, -9.1846, -40.8945



99.9930, 40.4295, -87.6939

Rectangle

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



127.4770, 13.5688, 34.6617



124.5400, -12.0982, 53.9004



110.6300, -9.1846, -40.8945



99.6390, 23.8420, -87.3834

Sweetspot

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



127.4770, 13.5688, 34.6617



201.1680, 5.3402, 13.8847



112.9980, 26.6230, 0.8788



100.2660, 3.3199, 8.5367



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



127.4770, 13.5688, 34.6617



154.9600, 21.2187, 54.4091



123.8290, -0.4087, 37.8610



79.1900, 1.8783, 4.2184



58.0460, 31.0363, 78.8897



7.9180, 4.4774, 10.5959

Inverse Universe

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



127.4770, 13.5688, 34.6617



154.9600, 21.2187, 54.4091



145.1710, 0.4087, -37.8610



79.1900, 1.8783, 4.2184



58.0460, 31.0363, 78.8897



7.9180, 4.4774, 10.5959

Previews

White Background



This preview shows how the YUV color 127.4770, 13.5688, 34.6617 looks on a white background.

Color Contrast Check

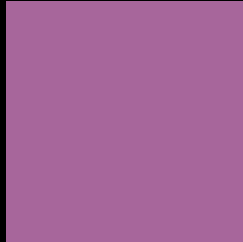
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 127.4770, 13.5688, 34.6617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

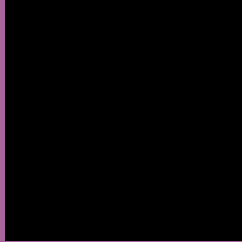
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.4770, 13.5688, 34.6617

Background



This preview shows how black text looks on a background with the YUV color 127.4770, 13.5688, 34.6617.



This preview shows how white text looks on a background with the YUV color 127.4770, 13.5688,

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

127.4770, 13.5688, 34.6617

Protanopia

124.4710, 22.4458, -12.6911

Deuteranopia

125.6050, 12.5197, -2.2846



Tritanopia

126.4600, -4.1708, 31.1686

Trichromacy



Original Color

127.4770, 13.5688, 34.6617

Protanomaly

125.4840, 19.4814, 4.8375

Deuteranomaly

126.3940, 12.6238, 11.0555

Tritanomaly

126.7790, 2.0810, 32.6428

Monochromacy



Original Color

127.4770, 13.5688, 34.6617

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.3420, 4.7614, 12.8551

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.4770, 13.5688, 34.6617 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(167, 102, 155)` looks like.

```
.text, #text, p{  
    color:rgb(167, 102, 155)  
}
```

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(167, 102, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 102, 155) }
```

Border

The CSS property to change the border of an element to YUV 127.4770, 13.5688, 34.6617 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(167, 102, 155) }
```


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

```
.border{ border-color:rgb(167, 102, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 102, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 102, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 102, 155);  
box-shadow:4px 4px 4px 4px rgb(167, 102,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 127.4770, 13.5688, 34.6617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 102, 155) }
```

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

```
.background{ background-color: rgb(167,  
102, 155) }
```

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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