

Converting Colors

YUV(120.9760, 16.7738,
33.3470)

Have a look what the booklet for
YUV(120.9760, 16.7738, 33.3470)
contains.

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Color

**YUV(120.9760, 16.7738,
33.3470)**

Conversions

Conversions Part 1

Format	Color
Hex	9F5F9B
RGB	159, 95, 155
RGB Percent	62%, 37%, 61%
CMY	0.3765, 0.6275, 0.3922
CMYK	0.00, 0.40, 0.03, 0.38
HSL	304°, 25%, 50%
HSV	304°, 40%, 62%
XYZ	24.3067, 17.9219, 33.1885
YIQ	120.9760, 18.8840, 32.2280

Conversions

Conversions Part 2

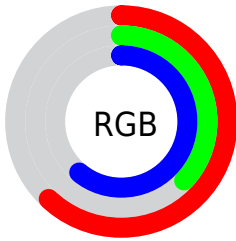
Format	Color
R_{YB}	159, 95, 155
Decimal	10444699
CIE _{Lab}	49.40, 35.47, -21.84
CIE _{LCh}	49, 41.652, 328.380
Yxy	17.9219, 0.3223, 0.2376
Android (android.graphics.Color)	4288634779 (0xFF9F5F9B)
YUV	120.9760, 16.7738, 33.3470
Hunter-Lab	42.3343, 28.4027, -16.8472

Details

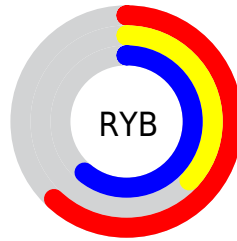
The YUV color **120.9760, 16.7738, 33.3470** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **133.0240, -16.7738, -33.3470**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.5140, 17.4946, 35.5062**, and **70.5520, 16.4899, 31.0879** is the 20% darker color. If you saturate the color by 10%, you get **111.4700, 20.9673, 41.6838**, and if you desaturate by 10%, it is **130.4820, 12.5804, 25.0103**.

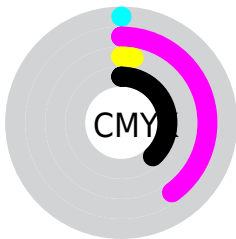
Distribution



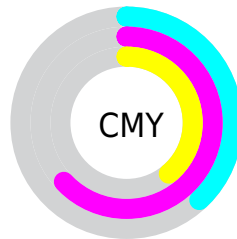
- Red (62%)
- Green (37%)
- Blue (61%)



- Red (62%)
- Yellow (37%)
- Blue (61%)



- Cyan (0%)
- Magenta (40%)
- Yellow (3%)
- Black (38%)



- Cyan (38%)
- Magenta (63%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.9760, 16.7738, 33.3470 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 120.9760, 16.7738, 33.3470 by changing the saturation by 10% instead.

■ 120.9760, 16.7738,
33.3470

■ 120.9760, 16.7738,
33.3470

255.0000, 0.0000,
0.0000

■ 95.2640, 16.6318,
32.2175

■ 174.5140, 17.4946,
35.5062

■ 70.5520, 16.4899,
31.0879

■ 202.2260, 17.6366,
36.6358

■ 45.5520, 16.4899,
31.0879

■ 223.8890, 15.3377,
27.2843

■ 23.1280, 16.2059,
28.8287

■ 240.3250, 7.2348,
12.8700

■ 15.0530, 9.8339,
19.2475

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,

0.0000

■ 120.9760, 16.7738,
33.3470

■ 120.9760, 16.7738,
33.3470

■ 111.4700, 20.9673,
41.6838

■ 130.4820, 12.5804,
25.0103

■ 101.9640, 25.1607,
50.0206

■ 139.9880, 8.3869,
16.6735

■ 92.4580, 29.3542,
58.3573

■ 149.4940, 4.1935,
8.3368

■ 82.9520, 33.5477,
66.6941

■ 159.0000, 0.0000,
0.0000

■ 74.0330, 37.4517,
74.5161

■ 168.5060, -4.1935,
-8.3368

■ 64.5270, 41.6452,
82.8528

■ 177.4250, -8.0975,
-16.1587

■ 186.9310,
-12.2910, -24.4955

■ 196.4370,
-16.4844, -32.8322

■ 205.9430,
-20.6779, -41.1690

Harmonies

Analogous

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



119.1870, 29.9808, -2.7950



120.9760, 16.7738, 33.3470



118.6830, 1.1423, 53.7750

Triad

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



120.9760, 16.7738, 33.3470



114.0820, -34.5504, 21.8531



96.3450, 26.4519, -84.4946

Complementary

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



120.9760, 16.7738, 33.3470



133.0240, -16.7738, -33.3470

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.



92.2410, 10.7272, -80.8954



120.9760, 16.7738, 33.3470



110.3990, -28.7907, -5.6119

Square

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



120.9760, 16.7738, 33.3470



116.1200, -28.6532, 43.7448



103.8320, -12.2422, -40.1947



96.4880, 39.6924, -84.6200

Rectangle

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



120.9760, 16.7738, 33.3470



117.4310, -10.0725, 57.5040



103.8320, -12.2422, -40.1947



95.0910, 21.6471, -83.3948

Sweetspot

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



120.9760, 16.7738, 33.3470



192.0970, 6.3612, 13.0699



103.1930, 27.5129, -4.5543



96.0810, 3.9041, 7.8220



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



120.9760, 16.7738, 33.3470



147.5020, 25.8815, 52.1797



117.4420, 3.2331, 36.4464



74.3040, 2.3151, 4.1184



58.0330, 37.4517, 74.5161



6.0810, 3.9041, 7.8220

Inverse Universe

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



120.9760, 16.7738, 33.3470



147.5020, 25.8815, 52.1797



136.5580, -3.2331, -36.4464



74.3040, 2.3151, 4.1184



58.0330, 37.4517, 74.5161



6.0810, 3.9041, 7.8220

Previews

White Background



This preview shows how the YUV color 120.9760, 16.7738, 33.3470 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 × Fail

Black Background



This preview shows how the YUV color 120.9760, 16.7738, 33.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

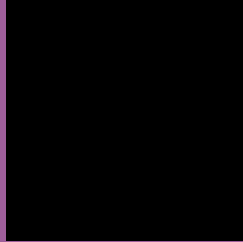
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.9760, 16.7738, 33.3470

Background



This preview shows how black text looks on a background with the YUV color 120.9760, 16.7738, 33.3470.



This preview shows how white text looks on a background with the YUV color 120.9760, 16.7738,

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

120.9760, 16.7738, 33.3470

Protanopia

117.4860, 26.3824, -15.3352

Deuteranopia

118.7940, 15.8776, -5.9583



Tritanopia

119.8620, -3.8760, 29.9390

Trichromacy



Original Color

120.9760, 16.7738, 33.3470

Protanomaly

118.3850, 22.9812, 2.2934

Deuteranomaly

119.2950, 16.1236, 8.5113

Tritanomaly

120.5230, 3.6862, 31.1133

Monochromacy



Original Color

120.9760, 16.7738, 33.3470

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.2710, 5.7824, 12.0403

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.9760, 16.7738, 33.3470 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(159, 95, 155)` looks like.

```
.text, #text, p{  
    color:rgb(159, 95, 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(159, 95, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 95, 155) }
```

Border

The CSS property to change the border of an element to YUV 120.9760, 16.7738, 33.3470 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(159, 95, 155) }
```


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

```
.border{ border-color:rgb(159, 95, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 95, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 95, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 95, 155);  
box-shadow:4px 4px 4px 4px rgb(159, 95,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 120.9760, 16.7738, 33.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 95, 155) }
```

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

```
.background{ background-color: rgb(159, 95,  
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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