

Converting Colors

YUV(120.9650, 16.7793,
31.6027)

Have a look what the booklet for
YUV(120.9650, 16.7793, 31.6027)
contains.

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Color

**YUV(120.9650, 16.7793,
31.6027)**

Conversions

Conversions Part 1

Format	Color
Hex	9D609B
RGB	157, 96, 155
RGB Percent	62%, 38%, 61%
CMY	0.3843, 0.6235, 0.3922
CMYK	0.00, 0.39, 0.01, 0.38
HSL	302°, 24%, 50%
HSV	302°, 39%, 62%
XYZ	24.0039, 17.9004, 33.2003
YIQ	120.9650, 17.4170, 31.2810

Conversions

Conversions Part 2

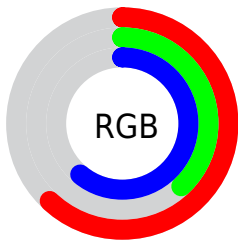
Format	Color
R _Y B	157, 96, 155
Decimal	10313883
CIE Lab	49.38, 34.26, -21.90
CIE LCh	49, 40.659, 327.412
Yxy	17.9004, 0.3196, 0.2383
Android (android.graphics.Color)	4288503963 (0xFF9D609B)
YUV	120.9650, 16.7793, 31.6027
Hunter-Lab	42.3089, 27.2313, -16.9094

Details

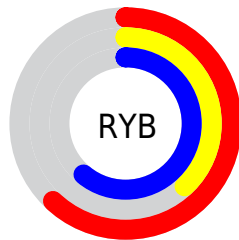
The YUV color **120.9650, 16.7793, 31.6027** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **132.0350, -16.7793, -31.6027**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.5030, 17.5000, 33.7619**, and **70.5410, 16.4953, 29.3435** is the 20% darker color. If you saturate the color by 10%, you get **111.4590, 20.9727, 39.9395**, and if you desaturate by 10%, it is **130.4710, 12.5858, 23.2659**.

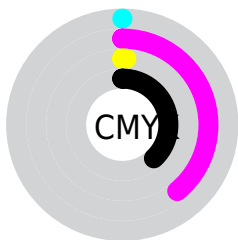
Distribution



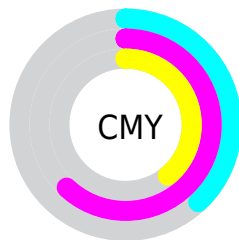
- Red (62%)
- Green (38%)
- Blue (61%)



- Red (62%)
- Yellow (38%)
- Blue (61%)



- Cyan (0%)
- Magenta (39%)
- Yellow (1%)
- Black (38%)



- Cyan (38%)
- Magenta (62%)
- Yellow (39%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.9650, 16.7793, 31.6027 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 120.9650, 16.7793, 31.6027 by changing the saturation by 10% instead.

120.9650, 16.7793,
31.6027

120.9650, 16.7793,
31.6027

255.0000, 0.0000,
0.0000

95.2530, 16.6373,
30.4731

174.5030, 17.5000,
33.7619

70.5410, 16.4953,
29.3435

201.9160, 17.7894,
34.2767

46.1280, 16.2059,
28.8287

224.4760, 15.0483,
26.7695

22.8290, 16.3533,
28.2140

240.9120, 6.9454,
12.3552

14.7540, 9.9813,
18.6327

1.0260, 3.9312,
-0.8998

0.0000, 0.0000,

0.0000

■ 120.9650, 16.7793,
31.6027

■ 120.9650, 16.7793,
31.6027

■ 111.4590, 20.9727,
39.9395

■ 130.4710, 12.5858,
23.2659

■ 102.6540, 25.3136,
47.6614

■ 139.2760, 8.2449,
15.5439

■ 93.1480, 29.5070,
55.9982

■ 148.7820, 4.0515,
7.2072

■ 83.7560, 34.1373,
64.2350

■ 158.1740, -0.5788,
-1.0296

■ 74.2500, 38.3308,
72.5717

■ 167.6800, -4.7722,
-9.3664

■ 65.4450, 42.6716,
80.2937

■ 176.4850, -9.1131,
-17.0883

■ 64.2710, 43.2504,
81.3233

■ 185.9910,
-13.3066, -25.4251

■ 195.3830,
-17.9368, -33.6619

■ 204.3020,
-21.8409, -41.4839

Harmonies

Analogous

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



119.3610, 29.4020, -3.8246



120.9650, 16.7793, 31.6027



119.0850, 1.4371, 52.5455

Triad

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



120.9650, 16.7793, 31.6027



114.0220, -33.5348, 22.7827



95.5300, 25.8677, -83.7798

Complementary

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



120.9650, 16.7793, 31.6027



132.0350, -16.7793, -31.6027

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.



91.5400, 10.5798, -80.2806



120.9650, 16.7793, 31.6027



111.1110, -28.6487, -4.4823

Square

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



120.9650, 16.7793, 31.6027



116.3480, -27.7796, 43.5448



104.4410, -12.5424, -37.2208



96.2600, 38.8188, -84.4200

Rectangle

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



120.9650, 16.7793, 31.6027



117.9470, -9.3409, 56.1745



104.4410, -12.5424, -37.2208



94.8630, 20.7735, -83.1949

Sweetspot

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



120.9650, 16.7793, 31.6027



189.7980, 6.5086, 12.4552



103.2530, 26.4973, -5.4839



93.7820, 4.0515, 7.2072



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



120.9650, 16.7793, 31.6027



147.3060, 26.4711, 49.7206



117.5450, 3.6753, 34.6020



74.3040, 2.3151, 4.1184



58.4890, 39.1989, 74.1161



6.1950, 4.3409, 7.7220

Inverse Universe

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



120.9650, 16.7793, 31.6027



147.3060, 26.4711, 49.7206



135.4550, -3.6753, -34.6020



74.3040, 2.3151, 4.1184



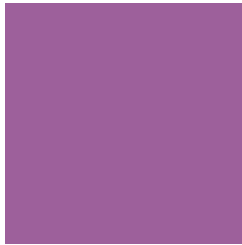
58.4890, 39.1989, 74.1161



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 120.9650, 16.7793, 31.6027 looks on a white background.

Color Contrast Check

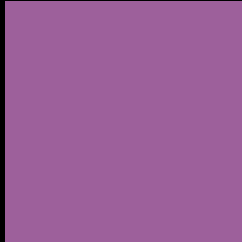
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.9650, 16.7793, 31.6027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

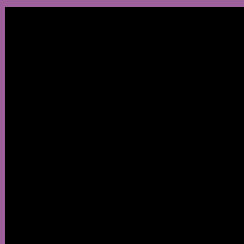
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.9650, 16.7793, 31.6027

Background



This preview shows how black text looks on a background with the YUV color 120.9650, 16.7793, 31.6027.



This preview shows how white text looks on a background with the YUV color 120.9650, 16.7793,

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

120.9650, 16.7793, 31.6027

Protanopia

117.3720, 25.9456, -15.2352

Deuteranopia

118.4950, 16.0250, -6.5731



Tritanopia

119.9650, -3.4337, 28.0947

Trichromacy



Original Color

120.9650, 16.7793, 31.6027

Protanomaly

118.9720, 22.6918, 1.7786

Deuteranomaly

119.5830, 15.9816, 7.3817

Tritanomaly

120.5120, 3.6916, 29.3690

Monochromacy



Original Color

120.9650, 16.7793, 31.6027

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.9720, 5.9298, 11.4256

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.9650, 16.7793, 31.6027 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(157, 96, 155)` looks like.

```
.text, #text, p{  
    color:rgb(157, 96, 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(157, 96, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 96, 155) }
```

Border

The CSS property to change the border of an element to YUV 120.9650, 16.7793, 31.6027 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(157, 96, 155) }
```


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

```
.border{ border-color:rgb(157, 96, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 96, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 96, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 96, 155);  
box-shadow:4px 4px 4px 4px rgb(157, 96,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 120.9650, 16.7793, 31.6027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 96, 155) }
```

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

```
.background{ background-color: rgb(157, 96,  
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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