

Converting Colors

YUV(120.6060, 17.9422,
31.9175)

Have a look what the booklet for
YUV(120.6060, 17.9422, 31.9175)
contains.

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Color

**YUV(120.6060, 17.9422,
31.9175)**

Conversions

Conversions Part 1

Format	Color
Hex	9D5F9D
RGB	157, 95, 157
RGB Percent	62%, 37%, 62%
CMY	0.3843, 0.6275, 0.3843
CMYK	0.00, 0.39, 0.00, 0.38
HSL	300°, 25%, 49%
HSV	300°, 39%, 62%
XYZ	24.0826, 17.7868, 34.0622
YIQ	120.6060, 17.0500, 32.4260

Conversions

Conversions Part 2

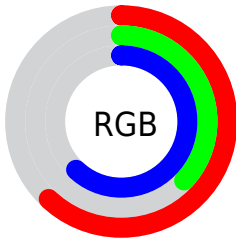
Format	Color
R _Y B	157, 95, 157
Decimal	10313629
CIE Lab	49.24, 35.20, -23.29
CIE LCh	49, 42.209, 326.507
Yxy	17.7868, 0.3172, 0.2342
Android (android.graphics.Color)	4288503709 (0xFF9D5F9D)
YUV	120.6060, 17.9422, 31.9175
Hunter-Lab	42.1744, 28.1226, -18.3635

Details

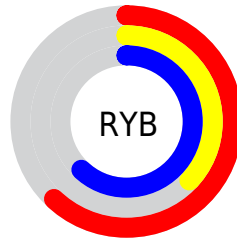
The YUV color **120.6060, 17.9422, 31.9175** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **131.3940, -17.9422, -31.9175**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.1440, 18.6630, 34.0767**, and **70.0680, 17.2215, 29.7584** is the 20% darker color. If you saturate the color by 10%, you get **111.2140, 22.5725, 40.1543**, and if you desaturate by 10%, it is **129.9980, 13.3120, 23.6808**.

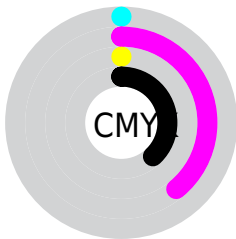
Distribution



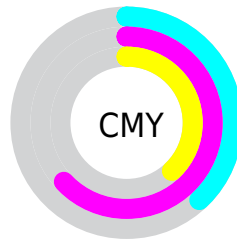
- Red (62%)
- Green (37%)
- Blue (62%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 120.6060, 17.9422, 31.9175 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 120.6060, 17.9422, 31.9175 by changing the saturation by 10% instead.

120.6060, 17.9422,
31.9175

120.6060, 17.9422,
31.9175

255.0000, 0.0000,
0.0000

94.8940, 17.8003,
30.7880

174.1440, 18.6630,
34.0767

70.0680, 17.2215,
29.7584

201.5570, 18.9524,
34.5915

45.1820, 17.6583,
29.6584

223.8890, 15.3377,
27.2843

22.7580, 17.3743,
27.3992

240.3250, 7.2348,
12.8700

14.5690, 10.5655,
17.9180

1.2540, 4.8048,
-1.0998

0.0000, 0.0000,

0.0000

120.6060, 17.9422,
31.9175

120.6060, 17.9422,
31.9175

111.2140, 22.5725,
40.1543

129.9980, 13.3120,
23.6808

102.4090, 26.9134,
47.8763

138.8030, 8.9711,
15.9588

93.0170, 31.5436,
56.1131

148.1950, 4.3409,
7.7220

83.6250, 36.1739,
64.3499

157.5870, -0.2894,
-0.5148

74.8200, 40.5147,
72.0719

166.3920, -4.6303,
-8.2368

65.4280, 45.1450,
80.3086

175.7840, -9.2605,
-16.4736

■ 64.8410, 45.4344,
80.8234

■ 185.1760,
-13.8908, -24.7104

■ 194.5680,
-18.5210, -32.9471

■ 203.3730,
-22.8619, -40.6691

Harmonies

Analogous

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



118.1050, 31.0072, -5.3541



120.6060, 17.9422, 31.9175



118.3240, 2.3053, 54.0899

Triad

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



120.6060, 17.9422, 31.9175



113.8650, -35.4294, 23.7974



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.



120.6060, 17.9422, 31.9175



131.3940, -17.9422, -31.9175

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.



91.8990, 9.4168, -80.5954



120.6060, 17.9422, 31.9175



110.1820, -29.6697, -3.6676

Square

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



120.6060, 17.9422, 31.9175



115.5440, -28.3692, 46.0039



103.5010, -13.5580, -38.1504



96.9610, 38.9662, -85.0348

Rectangle

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



120.6060, 17.9422, 31.9175



117.3710, -9.0569, 58.4336



103.5010, -13.5580, -38.1504



94.7490, 20.3367, -83.0949

Sweetspot

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



120.6060, 17.9422, 31.9175



189.9120, 6.9454, 12.3552



102.0680, 27.0815, -6.1986



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.



120.6060, 17.9422, 31.9175



147.6480, 27.7815, 49.4207



117.0720, 4.4015, 35.0169



74.3040, 2.3151, 4.1184



59.0590, 41.3829, 73.6163



6.1950, 4.3409, 7.7220

Inverse Universe

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



120.6060, 17.9422, 31.9175



147.6480, 27.7815, 49.4207



134.9280, -4.4015, -35.0169



74.3040, 2.3151, 4.1184



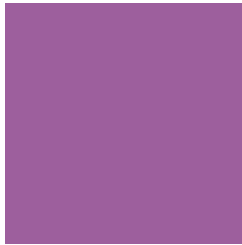
59.0590, 41.3829, 73.6163



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 120.6060, 17.9422, 31.9175 looks on a white background.

Color Contrast Check

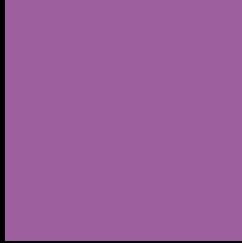
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.6060, 17.9422, 31.9175 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 120.6060, 17.9422, 31.9175 Background



This preview shows how black text looks on a background with the YUV color 120.6060, 17.9422, 31.9175.



This preview shows how white text looks on a background with the YUV color 120.6060, 17.9422, 31.9175.

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

120.6060, 17.9422, 31.9175

Protanopia

117.1160, 27.5508, -16.7647

Deuteranopia

117.5380, 17.4828, -7.4878



Tritanopia

119.5520, -3.7231, 27.5799

Trichromacy



Original Color

120.6060, 17.9422, 31.9175

Protanomaly

118.0150, 24.1496, 0.8638

Deuteranomaly

118.6260, 17.4394, 6.4670

Tritanomaly

119.6260, 4.1284, 29.2690

Monochromacy



Original Color

120.6060, 17.9422, 31.9175

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.0860, 6.3666, 11.3256

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.6060, 17.9422, 31.9175 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, 95, 157)` looks like.

```
.text, #text, p{  
    color:rgb(157, 95, 157)  
}
```

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, 95, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 95, 157) }
```

Border

The CSS property to change the border of an element to YUV 120.6060, 17.9422, 31.9175 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, 95, 157) }
```


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

```
.border{ border-color:rgb(157, 95, 157) }
```

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

Here you see how a box with a 4 pixel rgb(157, 95, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 95, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 95, 157);  
box-shadow:4px 4px 4px 4px rgb(157, 95,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 120.6060, 17.9422, 31.9175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 95, 157) }
```

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

```
.background{ background-color: rgb(157, 95,  
157) }
```

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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