

Converting Colors

YUV(122.5420, 31.7778,
27.5887)

Have a look what the booklet for
YUV(122.5420, 31.7778, 27.5887)
contains.

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Color

**YUV(122.5420, 31.7778,
27.5887)**

Conversions

Conversions Part 1

Format	Color
Hex	9A5EBB
RGB	154, 94, 187
RGB Percent	60%, 37%, 73%
CMY	0.3961, 0.6314, 0.2667
CMYK	0.18, 0.50, 0.00, 0.27
HSL	279°, 41%, 55%
HSV	279°, 50%, 73%
XYZ	26.2988, 18.4633, 49.1914
YIQ	122.5420, 5.9070, 41.6430

Conversions

Conversions Part 2

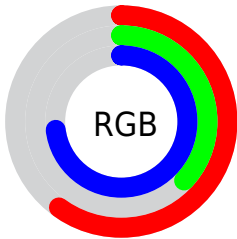
Format	Color
R_{YB}	154, 94, 187
Decimal	10116795
CIE _{Lab}	50.05, 41.10, -39.58
CIE _{LCh}	50, 57.060, 316.081
Yxy	18.4633, 0.2799, 0.1965
Android (android.graphics.Color)	4288306875 (0xFF9A5EBB)
YUV	122.5420, 31.7778, 27.5887
Hunter-Lab	42.9689, 34.0538, -37.7977

Details

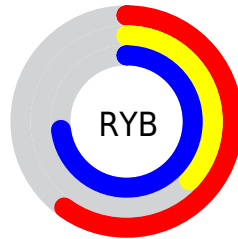
The YUV color **122.5420, 31.7778, 27.5887** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **158.4580, -31.7778, -27.5887**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.3080, 33.3722, 29.5479**, and **70.8900, 30.6202, 25.5295** is the 20% darker color. If you saturate the color by 10%, you get **109.2960, 38.3081, 33.0664**, and if you desaturate by 10%, it is **135.7880, 25.2475, 22.1109**.

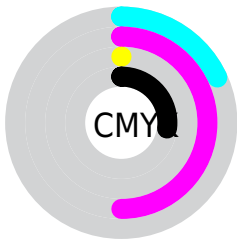
Distribution



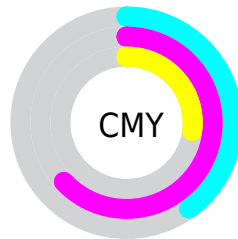
- Red (60%)
- Green (37%)
- Blue (73%)



- Red (60%)
- Yellow (37%)
- Blue (73%)



- Cyan (18%)
- Magenta (50%)
- Yellow (0%)
- Black (27%)



- Cyan (40%)
- Magenta (63%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.5420, 31.7778, 27.5887 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 122.5420, 31.7778, 27.5887 by changing the saturation by 10% instead.

122.5420, 31.7778,
27.5887

122.5420, 31.7778,
27.5887

255.0000, 0.0000,
0.0000

96.7160, 31.1990,
26.5591

176.3080, 33.3722,
29.5479

70.8900, 30.6202,
25.5295

202.0820, 26.0886,
32.3771

45.5910, 30.7676,
24.9147

223.3020, 15.6271,
27.7991

24.1130, 29.0313,
21.8259

240.3250, 7.2348,
12.8700

15.3970, 21.4963,
11.9298

5.2780, 15.1459,
-4.6288

1.3680, 5.2416,

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 122.5420, 31.7778,
27.5887

■ 122.5420, 31.7778,
27.5887

■ 109.2960, 38.3081,
33.0664

■ 135.7880, 25.2475,
22.1109

■ 96.9360, 44.4016,
38.6441

■ 148.1480, 19.1540,
16.5332

■ 83.6900, 50.9318,
44.1219

■ 161.3940, 12.6238,
11.0555

■ 70.4440, 57.4621,
49.5996

■ 174.6400, 6.0935,
5.5777

■ 58.0840, 63.5556,
55.1773

■ 187.0000, 0.0000,
0.0000

■ 57.4970, 63.8450,
55.6921

■ 200.2460, -6.5303,
-5.4777

■ 213.1930,
-12.9131, -11.5703

■ 226.4390,
-19.4434, -17.0480

■ 234.9890,
-23.6586, -18.4074

Harmonies

Analogous

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



113.0050, 49.2975, -38.5924



122.5420, 31.7778, 27.5887



118.1590, 12.7396, 67.3896

Triad

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



122.5420, 31.7778, 27.5887



113.0340, -51.7818, 42.0662



99.8840, 22.2422, -87.5983

Complementary

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



122.5420, 31.7778, 27.5887



158.4580, -31.7778, -27.5887

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.



92.8960, 0.5443, -81.4698



122.5420, 31.7778, 27.5887



108.7710, -53.1311, 8.0938

Square

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



122.5420, 31.7778, 27.5887



115.0630, -32.0761, 68.3507



102.4290, -27.8195, -37.2102



103.0250, 41.8927, -90.3529

Rectangle

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



122.5420, 31.7778, 27.5887



114.4520, -1.7018, 79.4106



102.4290, -27.8195, -37.2102



97.9460, 14.8166, -85.8986

Sweetspot

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



122.5420, 31.7778, 27.5887



216.9810, 12.3344, 10.5407



124.5600, 30.7829, -26.8011



106.9930, 7.3985, 7.0221



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



122.5420, 31.7778, 27.5887



141.6360, 49.4795, 43.2922



131.0410, 21.6718, 49.0760



87.8200, 3.0467, 2.7889



48.5100, 53.9786, 46.9107



9.5140, 10.5926, 9.1962

Inverse Universe

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



125.5690, 0.7055, 53.8750



146.1690, 0.9027, 84.0438



149.9590, -21.6718, -49.0760



88.0330, -0.0163, 5.2331



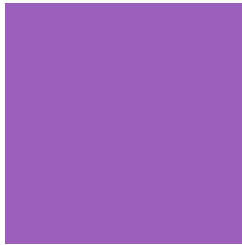
53.6260, 1.1704, 91.5360



10.5230, 0.2352, 17.9583

Previews

White Background



This preview shows how the YUV color 122.5420, 31.7778, 27.5887 looks on a white background.

Color Contrast Check

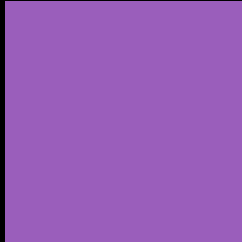
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.5420, 31.7778, 27.5887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

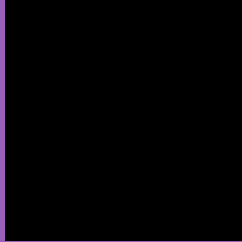
Any Text WCAG AA ✓ Pass

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 122.5420, 31.7778, 27.5887 Background



This preview shows how black text looks on a background with the YUV color 122.5420, 31.7778, 27.5887.



This preview shows how white text looks on a background with the YUV color 122.5420, 31.7778,

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

122.5420, 31.7778, 27.5887

Protanopia

115.4250, 45.6395, -31.9447

Deuteranopia

117.2120, 31.9405, -24.7419



Tritanopia

120.8930, -0.9332, 19.3878

Trichromacy



Original Color

122.5420, 31.7778, 27.5887

Protanomaly

117.8900, 40.4802, -10.4275

Deuteranomaly

119.3330, 31.8808, -5.5540

Tritanomaly

121.4170, 11.1334, 22.4363

Monochromacy



Original Color

122.5420, 31.7778, 27.5887

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.4540, 11.6082, 10.1258

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.5420, 31.7778, 27.5887 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(154, 94, 187)` looks like.

```
.text, #text, p{  
    color:rgb(154, 94, 187)  
}
```

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(154, 94, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 94, 187) }
```

Border

The CSS property to change the border of an element to YUV 122.5420, 31.7778, 27.5887 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(154, 94, 187) }
```


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

```
.border{ border-color:rgb(154, 94, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 94, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 94, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 94, 187);  
box-shadow:4px 4px 4px 4px rgb(154, 94,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 122.5420, 31.7778, 27.5887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 94, 187) }
```

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

```
.background{ background-color: rgb(154, 94,  
187) }
```

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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