

Converting Colors

YUV(122.2580, 19.0998,
33.9767)

Have a look what the booklet for
YUV(122.2580, 19.0998, 33.9767)
contains.

YUV(122.2580, 19.0998, 33.9767)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(122.2580, 19.0998,
33.9767)**

Conversions

Conversions Part 1

Format	Color
Hex	A15FA1
RGB	161, 95, 161
RGB Percent	63%, 37%, 63%
CMY	0.3686, 0.6275, 0.3686
CMYK	0.00, 0.41, 0.00, 0.37
HSL	300°, 26%, 50%
HSV	300°, 41%, 63%
XYZ	25.2232, 18.3347, 35.9278
YIQ	122.2580, 18.1500, 34.5180

Conversions

Conversions Part 2

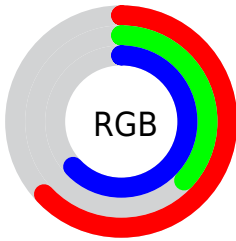
Format	Color
R_{YB}	161, 95, 161
Decimal	10575777
CIE _{Lab}	49.90, 37.26, -24.58
CIE _{LCh}	50, 44.639, 326.583
Yxy	18.3347, 0.3173, 0.2307
Android (android.graphics.Color)	4288765857 (0xFFA15FA1)
YUV	122.2580, 19.0998, 33.9767
Hunter-Lab	42.8190, 30.2147, -19.7746

Details

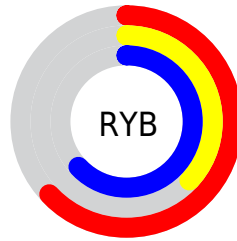
The YUV color **122.2580, 19.0998, 33.9767** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **133.7420, -19.0998, -33.9767**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.7960, 19.8206, 36.1359**, and **71.1330, 18.6684, 32.3324** is the 20% darker color. If you saturate the color by 10%, you get **112.8660, 23.7301, 42.2135**, and if you desaturate by 10%, it is **131.6500, 14.4696, 25.7400**.

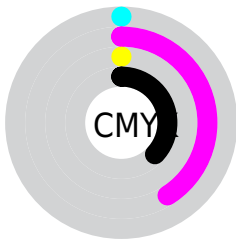
Distribution



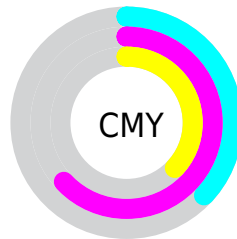
- Red (63%)
- Green (37%)
- Blue (63%)



- Red (63%)
- Yellow (37%)
- Blue (63%)



- Cyan (0%)
- Magenta (41%)
- Yellow (0%)
- Black (37%)



- Cyan (37%)
- Magenta (63%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.2580, 19.0998, 33.9767 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 122.2580, 19.0998, 33.9767 by changing the saturation by 10% instead.

■ 122.2580, 19.0998,
33.9767

■ 122.2580, 19.0998,
33.9767

255.0000, 0.0000,
0.0000

■ 96.5460, 18.9578,
32.8472

■ 175.7960, 19.8206,
36.1359

■ 71.1330, 18.6684,
32.3324

■ 203.6220, 20.3994,
37.1655

■ 45.9480, 19.2526,
31.6176

■ 223.8890, 15.3377,
27.2843

■ 24.2960, 18.0951,
29.5584

■ 240.3250, 7.2348,
12.8700

■ 15.8080, 11.4337,
19.4624

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,

0.0000

122.2580, 19.0998,
33.9767

122.2580, 19.0998,
33.9767

112.8660, 23.7301,
42.2135

131.6500, 14.4696,
25.7400

103.4740, 28.3603,
50.4503

141.0420, 9.8393,
17.5032

94.0820, 32.9906,
58.6871

150.4340, 5.2090,
9.2664

84.6900, 37.6208,
66.9239

159.8260, 0.5788,
1.0296

75.2980, 42.2511,
75.1607

169.8050, -4.3409,
-7.7220

66.4930, 46.5920,
82.8826

179.1970, -8.9711,
-15.9588

■ 188.5890,
-13.6014, -24.1956

■ 197.9810,
-18.2316, -32.4323

■ 207.3730,
-22.8619, -40.6691

Harmonies

Analogous

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



119.6750, 33.1912, -5.8540



122.2580, 19.0998, 33.9767



119.4600, 2.7312, 57.4786

Triad

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



122.2580, 19.0998, 33.9767



114.7080, -37.3240, 24.8121



97.7470, 26.7467, -85.7241

Complementary

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



122.2580, 19.0998, 33.9767



133.7420, -19.0998, -33.9767

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.



93.3010, 9.7116, -81.8250



122.2580, 19.0998, 33.9767



111.6010, -31.8483, -4.9121

Square

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



122.2580, 19.0998, 33.9767



117.0990, -30.1218, 48.1482



104.2510, -14.4207, -41.4391



98.7050, 40.5714, -86.5643

Rectangle

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



122.2580, 19.0998, 33.9767



118.2790, -9.5045, 62.0223



104.2510, -14.4207, -41.4391



96.2650, 21.0684, -84.4244

Sweetspot

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



122.2580, 19.0998, 33.9767



194.3250, 7.2348, 12.8700



102.5240, 28.8287, -6.5985



96.1950, 4.3409, 7.7220



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.



122.2580, 19.0998, 33.9767



149.1260, 29.5179, 52.5095



118.4960, 4.6855, 37.2760



76.7170, 2.6045, 4.6332



59.8850, 41.9617, 74.6459



7.4340, 5.2090, 9.2664

Inverse Universe

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



122.2580, 19.0998, 33.9767



149.1260, 29.5179, 52.5095



137.5040, -4.6855, -37.2760



76.7170, 2.6045, 4.6332



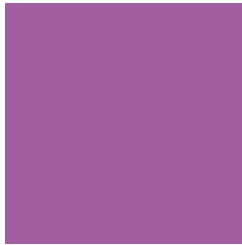
59.8850, 41.9617, 74.6459



7.4340, 5.2090, 9.2664

Previews

White Background



This preview shows how the YUV color 122.2580, 19.0998, 33.9767 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 122.2580, 19.0998, 33.9767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

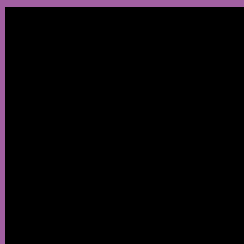
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.2580, 19.0998, 33.9767

Background



This preview shows how black text looks on a background with the YUV color 122.2580, 19.0998, 33.9767.



This preview shows how white text looks on a background with the YUV color 122.2580, 19.0998,

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

122.2580, 19.0998, 33.9767

Protanopia

118.3870, 29.8822, -17.8794

Deuteranopia

119.4670, 18.5038, -8.3026



Tritanopia

120.8620, -3.8760, 29.9390

Trichromacy



Original Color

122.2580, 19.0998, 33.9767



Protanomaly

119.7700, 25.7494, 1.0787



Deuteranomaly

120.5660, 18.4550, 7.3966



Tritanomaly

121.0500, 4.4124, 31.5282

Monochromacy



Original Color

122.2580, 19.0998, 33.9767



Achromatopsia

122.0000, 0.0000, 0.0000



Achromatomaly

121.9120, 6.9454, 12.3552

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.2580, 19.0998, 33.9767 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(161, 95, 161)` looks like.

```
.text, #text, p{  
    color:rgb(161, 95, 161)  
}
```

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(161, 95, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 95, 161) }
```

Border

The CSS property to change the border of an element to YUV 122.2580, 19.0998, 33.9767 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(161, 95, 161) }
```


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

```
.border{ border-color:rgb(161, 95, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 95, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 95, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 95, 161);  
box-shadow:4px 4px 4px 4px rgb(161, 95,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 122.2580, 19.0998, 33.9767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 95, 161) }
```

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

```
.background{ background-color: rgb(161, 95,  
161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor