

Converting Colors

YUV(120.3500, 19.5475,
30.3881)

Have a look what the booklet for
YUV(120.3500, 19.5475, 30.3881)
contains.

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Color

**YUV(120.3500, 19.5475,
30.3881)**

Conversions

Conversions Part 1

Format	Color
Hex	9B5FA0
RGB	155, 95, 160
RGB Percent	61%, 37%, 63%
CMY	0.3922, 0.6275, 0.3725
CMYK	0.03, 0.41, 0.00, 0.37
HSL	295°, 25%, 50%
HSV	295°, 41%, 63%
XYZ	23.9549, 17.6910, 35.4099
YIQ	120.3500, 14.8950, 32.9350

Conversions

Conversions Part 2

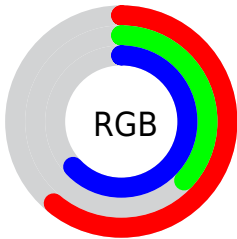
Format	Color
R _Y B	155, 95, 160
Decimal	10182560
CIE Lab	49.12, 35.15, -25.26
CIE LCh	49, 43.282, 324.292
Yxy	17.6910, 0.3109, 0.2296
Android (android.graphics.Color)	4288372640 (0xFF9B5FA0)
YUV	120.3500, 19.5475, 30.3881
Hunter-Lab	42.0607, 28.0552, -20.4722

Details

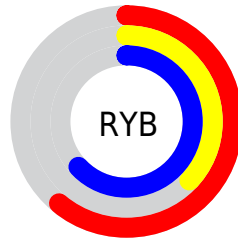
The YUV color **120.3500, 19.5475, 30.3881** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **134.6500, -19.5475, -30.3881**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.8880, 20.2682, 32.5472**, and **69.8120, 18.8267, 28.2289** is the 20% darker color. If you saturate the color by 10%, you get **110.6590, 24.3251, 38.0101**, and if you desaturate by 10%, it is **130.0410, 14.7698, 22.7660**.

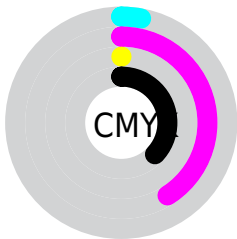
Distribution



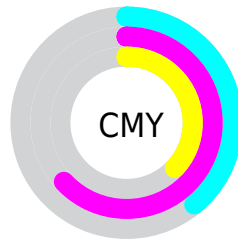
- Red (61%)
- Green (37%)
- Blue (63%)



- Red (61%)
- Yellow (37%)
- Blue (63%)



- Cyan (3%)
- Magenta (41%)
- Yellow (0%)
- Black (37%)



- Cyan (39%)
- Magenta (63%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.3500, 19.5475, 30.3881 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 120.3500, 19.5475, 30.3881 by changing the saturation by 10% instead.

■ 120.3500, 19.5475,
30.3881

■ 120.3500, 19.5475,
30.3881

■ 255.0000, 0.0000,
0.0000

■ 94.6380, 19.4055,
29.2585

■ 173.8880, 20.2682,
32.5472

■ 69.8120, 18.8267,
28.2289

■ 201.3010, 20.5576,
33.0620

■ 45.5130, 18.9741,
27.6141

■ 223.8890, 15.3377,
27.2843

■ 22.6870, 18.3953,
26.5845

■ 240.3250, 7.2348,
12.8700

■ 14.6120, 12.0233,
17.0033

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,

0.0000

■ 120.3500, 19.5475,
30.3881

■ 120.3500, 19.5475,
30.3881

■ 110.6590, 24.3251,
38.0101

■ 130.0410, 14.7698,
22.7660

■ 100.9680, 29.1028,
45.6321

■ 139.7320, 9.9921,
15.1440

■ 90.9780, 34.0278,
52.6393

■ 149.7220, 5.0671,
8.1368

■ 81.2870, 38.8055,
60.2613

■ 159.4130, 0.2894,
0.5148

■ 71.5960, 43.5832,
67.8833

■ 169.1040, -4.4883,
-7.1072

■ 62.4920, 48.0714,
74.9905

■ 178.7950, -9.2659,
-14.7292

■ 188.7850,
-14.1910, -21.7364

■ 198.4760,
-18.9687, -29.3585

■ 208.1670,
-23.7463, -36.9805

Harmonies

Analogous

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



117.5390, 32.7653, -9.2427



120.3500, 19.5475, 30.3881



117.9650, 3.4683, 54.4047

Triad

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



120.3500, 19.5475, 30.3881



113.0610, -36.0191, 26.2565



95.8890, 24.7047, -84.0947

Complementary

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



120.3500, 19.5475, 30.3881



134.6500, -19.5475, -30.3881

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.



90.9700, 8.3958, -79.7807



120.3500, 19.5475, 30.3881



110.3240, -31.7117, -2.0381

Square

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



120.3500, 19.5475, 30.3881



115.5550, -28.3746, 47.7483



103.6430, -15.6000, -36.5209



96.9610, 38.9662, -85.0348

Rectangle

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



120.3500, 19.5475, 30.3881



116.7240, -7.7519, 59.8781



103.6430, -15.6000, -36.5209



94.5210, 19.4631, -82.8949

Sweetspot

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



120.3500, 19.5475, 30.3881



193.7270, 7.5296, 11.6404



105.3450, 26.9449, -9.0726



95.5970, 4.6357, 6.4924



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.



120.3500, 19.5475, 30.3881



146.7340, 30.6971, 47.5913



118.7670, 7.0169, 36.1613



74.0050, 2.4625, 3.5036



55.7700, 43.0044, 66.8537



5.8960, 4.4883, 7.1072

Inverse Universe

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



115.0050, -7.3975, 39.4606



138.4100, -11.5411, 61.9074



136.2330, -7.0169, -36.1613



73.5060, -0.7425, 4.8182



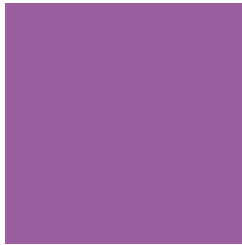
44.0110, -16.2744, 86.8134



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 120.3500, 19.5475, 30.3881 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 120.3500, 19.5475, 30.3881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

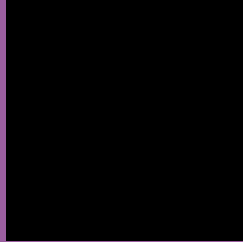
Any Text WCAG AA ✓ Pass

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 120.3500, 19.5475, 30.3881 Background



This preview shows how black text looks on a background with the YUV color 120.3500, 19.5475, 30.3881.



This preview shows how white text looks on a background with the YUV color 120.3500, 19.5475,

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

120.3500, 19.5475, 30.3881

Protanopia

116.2730, 29.4454, -17.7794

Deuteranopia

117.2820, 19.0880, -9.0173



Tritanopia

119.0680, -2.9915, 26.2504

Trichromacy



Original Color

120.3500, 19.5475, 30.3881

Protanomaly

117.7590, 25.7548, -0.6656

Deuteranomaly

118.3700, 19.0446, 4.9375

Tritanomaly

119.2560, 5.2968, 27.8395

Monochromacy



Original Color

120.3500, 19.5475, 30.3881

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.3140, 7.2402, 11.1256

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.3500, 19.5475, 30.3881 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(155, 95, 160)` looks like.

```
.text, #text, p{  
    color:rgb(155, 95, 160)  
}
```

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(155, 95, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 95, 160) }
```

Border

The CSS property to change the border of an element to YUV 120.3500, 19.5475, 30.3881 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(155, 95, 160) }
```


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

```
.border{ border-color:rgb(155, 95, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 95, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 95, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 95, 160);  
box-shadow:4px 4px 4px 4px rgb(155, 95,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 120.3500, 19.5475, 30.3881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 95, 160) }
```

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

```
.background{ background-color: rgb(155, 95,  
160) }
```

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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