

Converting Colors

YUV(127.1220, 18.6739,
30.5880)

Have a look what the booklet for
YUV(127.1220, 18.6739, 30.5880)
contains.

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Color

**YUV(127.1220, 18.6739,
30.5880)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A266A5 |
| RGB | 162, 102, 165 |
| RGB Percent | 64%, 40%, 65% |
| CMY | 0.3647, 0.6000, 0.3529 |
| CMYK | 0.02, 0.38, 0.00, 0.35 |
| HSL | 297°, 26%, 52% |
| HSV | 297°, 38%, 65% |
| XYZ | 26.4432, 19.9007, 38.0448 |
| YIQ | 127.1220, 15.5370, 32.3130 |

Conversions

Conversions Part 2

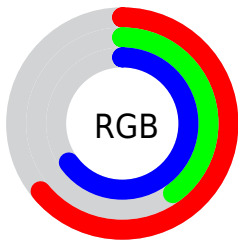
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 162, 102, 165 |
| Decimal | 10643109 |
| CIE _{Lab} | 51.72, 34.49, -24.10 |
| CIE _{LCh} | 52, 42.077, 325.057 |
| Yxy | 19.9007, 0.3133, 0.2358 |
| Android (android.graphics.Color) | 4288833189 (0xFFA266A5) |
| YUV | 127.1220, 18.6739, 30.5880 |
| Hunter-Lab | 44.6102, 27.7398, -19.3370 |

Details

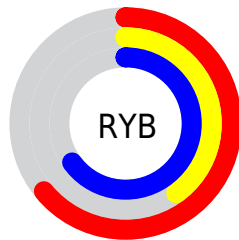
The YUV color **127.1220, 18.6739, 30.5880** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **139.8780, -18.6739, -30.5880**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.6600, 19.3946, 32.7472**, and **76.5840, 17.9531, 28.4288** is the 20% darker color. If you saturate the color by 10%, you get **116.8440, 23.7409, 38.7248**, and if you desaturate by 10%, it is **136.8130, 13.8962, 22.9660**.

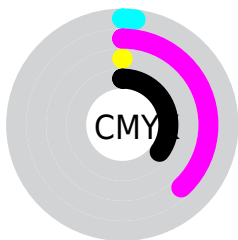
Distribution



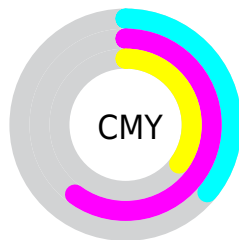
- Red (64%)
- Green (40%)
- Blue (65%)



- Red (64%)
- Yellow (40%)
- Blue (65%)



- Cyan (2%)
- Magenta (38%)
- Yellow (0%)
- Black (35%)



- Cyan (36%)
- Magenta (60%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.1220, 18.6739, 30.5880 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 127.1220, 18.6739, 30.5880 by changing the saturation by 10% instead.

■ 127.1220, 18.6739,
30.5880

■ 127.1220, 18.6739,
30.5880

■ 255.0000, 0.0000,
0.0000

■ 101.4100, 18.5319,
29.4584

■ 180.6600, 19.3946,
32.7472

■ 76.5840, 17.9531,
28.4288

■ 208.4860, 19.9734,
33.7768

■ 52.1710, 17.6637,
27.9140

■ 227.9980, 13.3120,
23.6808

■ 26.8120, 18.8267,
28.2289

■ 245.0210, 4.9196,
8.7516

■ 16.2640, 13.1808,
19.0625

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,

0.0000

127.1220, 18.6739,
30.5880

127.1220, 18.6739,
30.5880

116.8440, 23.7409,
38.7248

136.8130, 13.8962,
22.9660

107.1530, 28.5186,
46.3468

147.0910, 8.8291,
14.8292

97.1740, 33.4382,
55.0984

156.4830, 4.1989,
6.5924

87.4830, 38.2159,
62.7204

166.7610, -0.8682,
-1.5444

77.2050, 43.2829,
70.8572

176.4520, -5.6458,
-9.1664

67.5140, 48.0606,
78.4792

186.7300,
-10.7129, -17.3032

■ 65.7530, 48.9288,
80.0236

■ 196.1220,
-15.3431, -25.5400

■ 206.4000,
-20.4102, -33.6768

■ 216.0910,
-25.1879, -41.2988

Harmonies

Analogous

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



124.3220, 31.8863, -7.2984



127.1220, 18.6739, 30.5880



125.1390, 2.8895, 53.3751

Triad

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



127.1220, 18.6739, 30.5880



119.9900, -34.9981, 25.4418



100.2090, 26.0260, -87.8833

Complementary

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



127.1220, 18.6739, 30.5880



139.8780, -18.6739, -30.5880

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.



95.9910, 9.8644, -84.1841



127.1220, 18.6739, 30.5880



116.6660, -30.4013, -2.3381

Square

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



127.1220, 18.6739, 30.5880



122.2560, -28.2272, 47.1335



110.4690, -15.0212, -35.4913



101.1670, 39.8507, -88.7235

Rectangle

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



127.1220, 18.6739, 30.5880



123.7840, -8.7675, 58.9484



110.4690, -15.0212, -35.4913



98.8410, 20.7844, -86.6836

Sweetspot

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



127.1220, 18.6739, 30.5880



200.2000, 6.8034, 11.2256



110.9430, 26.6501, -7.8430



98.4830, 4.1989, 6.5924



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



127.1220, 18.6739, 30.5880



155.2780, 28.9499, 47.9912



124.8270, 6.0013, 35.2317



76.4180, 2.7519, 4.0184



57.7920, 42.9935, 70.3424



7.1350, 5.3564, 8.6516

Inverse Universe

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



121.1790, -7.9762, 38.4310



145.7580, -12.6987, 59.8482



142.1730, -6.0013, -35.2317



75.8050, -0.8899, 5.4330



44.1530, -18.3164, 88.4428



5.4960, -2.2165, 10.9660

Previews

White Background



This preview shows how the YUV color 127.1220, 18.6739, 30.5880 looks on a white background.

Color Contrast Check

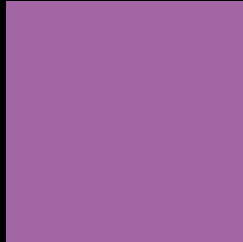
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.1220, 18.6739, 30.5880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

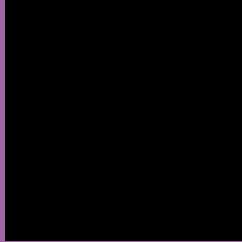
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.1220, 18.6739, 30.5880

Background



This preview shows how black text looks on a background with the YUV color 127.1220, 18.6739, 30.5880.



This preview shows how white text looks on a background with the YUV color 127.1220, 18.6739,

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

127.1220, 18.6739, 30.5880

Protanopia

123.2300, 27.9876, -16.8647

Deuteranopia

124.3530, 18.0670, -8.2026



Tritanopia

125.4810, -2.7021, 26.7652

Trichromacy



Original Color

127.1220, 18.6739, 30.5880

Protanomaly

124.8300, 24.7338, 0.1491

Deuteranomaly

125.4410, 18.0236, 5.7522

Tritanomaly

126.1420, 4.8600, 27.9395

Monochromacy



Original Color

127.1220, 18.6739, 30.5880

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.2000, 6.8034, 11.2256

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.1220, 18.6739, 30.5880 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(162, 102, 165)` looks like.

```
.text, #text, p{  
    color:rgb(162, 102, 165)  
}
```

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(162, 102, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 102, 165) }
```

Border

The CSS property to change the border of an element to YUV 127.1220, 18.6739, 30.5880 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(162, 102, 165) }
```


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

```
.border{ border-color:rgb(162, 102, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 102, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 102, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 102, 165);  
box-shadow:4px 4px 4px 4px rgb(162, 102,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 127.1220, 18.6739, 30.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 102, 165) }
```

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

```
.background{ background-color: rgb(162,  
102, 165) }
```

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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