

Converting Colors

YUV(119.5820, 27.8141,
38.9546)

Have a look what the booklet for
YUV(119.5820, 27.8141, 38.9546)
contains.

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Color

**YUV(119.5820, 27.8141,
38.9546)**

Conversions

Conversions Part 1

Format	Color
Hex	A456B0
RGB	164, 86, 176
RGB Percent	64%, 34%, 69%
CMY	0.3569, 0.6627, 0.3098
CMYK	0.07, 0.51, 0.00, 0.31
HSL	292°, 36%, 51%
HSV	292°, 51%, 69%
XYZ	26.4741, 17.6827, 43.0921
YIQ	119.5820, 17.5980, 44.5260

Conversions

Conversions Part 2

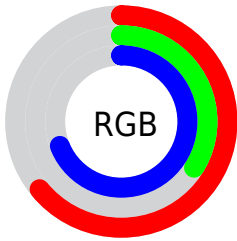
Format	Color
R_{YB}	164, 86, 176
Decimal	10770096
CIE _{Lab}	49.11, 45.89, -34.58
CIE _{LCh}	49, 57.465, 323.001
Yxy	17.6827, 0.3034, 0.2027
Android (android.graphics.Color)	4288960176 (0xFFA456B0)
YUV	119.5820, 27.8141, 38.9546
Hunter-Lab	42.0508, 38.7902, -31.3226

Details

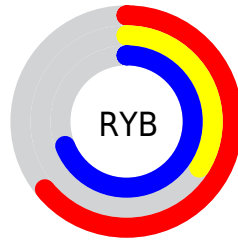
The YUV color **119.5820, 27.8141, 38.9546** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **142.4180, -27.8141, -38.9546**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.1200, 28.5348, 41.1138**, and **66.8700, 27.6721, 37.8250** is the 20% darker color. If you saturate the color by 10%, you get **108.4180, 33.3179, 46.9914**, and if you desaturate by 10%, it is **130.7460, 22.3102, 30.9178**.

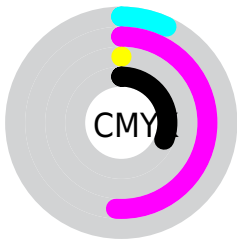
Distribution



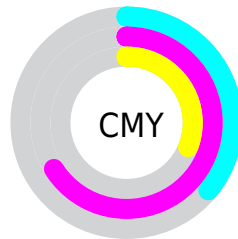
- Red (64%)
- Green (34%)
- Blue (69%)



- Red (64%)
- Yellow (34%)
- Blue (69%)



- Cyan (7%)
- Magenta (51%)
- Yellow (0%)
- Black (31%)



- Cyan (36%)
- Magenta (66%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.5820, 27.8141, 38.9546 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 119.5820, 27.8141, 38.9546 by changing the saturation by 10% instead.

■ 119.5820, 27.8141,
38.9546

■ 119.5820, 27.8141,
38.9546

■ 255.0000, 0.0000,
0.0000

■ 93.1690, 27.5247,
38.4398

■ 174.1200, 28.5348,
41.1138

■ 66.8700, 27.6721,
37.8250

■ 201.2620, 26.4928,
42.7432

■ 36.8750, 30.1346,
41.3286

■ 219.1930, 17.6529,
31.4027

■ 25.6640, 23.3366,
28.3587

■ 235.6290, 9.5499,
16.9884

■ 16.8770, 16.8226,
17.6479

■ 252.6520, 1.1576,
2.0592

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,

0.0000

■ 119.5820, 27.8141,
38.9546

■ 119.5820, 27.8141,
38.9546

■ 108.4180, 33.3179,
46.9914

■ 130.7460, 22.3102,
30.9178

■ 97.5420, 38.6798,
53.8987

■ 141.6220, 16.9484,
24.0105

■ 86.3780, 44.1836,
61.9355

■ 152.7860, 11.4445,
15.9737

■ 75.8010, 49.3981,
69.4575

■ 163.3630, 6.2300,
8.4516

■ 65.8110, 54.3232,
76.4648

■ 174.8260, 0.5788,
1.0296

■ 185.9900, -4.9251,
-7.0072

■ 196.5670,
-10.1395, -14.5293

■ 208.0300,
-15.7908, -21.9513

■ 218.6070,
-21.0053, -29.4733

Harmonies

Analogous

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



115.3880, 45.1647, -19.6343



119.5820, 27.8141, 38.9546



113.9380, 7.9186, 73.7224

Triad

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



119.5820, 27.8141, 38.9546



109.4200, -53.9441, 35.5887



99.0350, 26.6047, -86.8537

Complementary

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



119.5820, 27.8141, 38.9546



142.4180, -27.8141, -38.9546

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.



92.7480, 5.0542, -81.3400



119.5820, 27.8141, 38.9546



104.9270, -49.7570, -0.8130

Square

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



119.5820, 27.8141, 38.9546



112.1780, -36.5698, 62.9879



94.6810, -20.0557, -54.0942



101.9480, 45.3816, -89.4084

Rectangle

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



119.5820, 27.8141, 38.9546



111.4970, -6.6540, 81.1251



94.6810, -20.0557, -54.0942



97.2110, 19.6160, -85.2540

Sweetspot

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



119.5820, 27.8141, 38.9546



207.9600, 10.8657, 14.9441



103.3040, 35.8391, -15.1756



101.7760, 6.5194, 8.9664



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



119.5820, 27.8141, 38.9546



142.1390, 43.3155, 60.3911



119.4080, 11.6309, 49.6312



83.4180, 2.7519, 4.0184



57.2090, 47.2250, 66.4687



9.5420, 8.1138, 10.9257

Inverse Universe

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



114.2780, -8.0251, 54.1302



133.9120, -12.7746, 84.2692



142.5920, -11.6309, -49.6312



82.9190, -0.4531, 5.3330



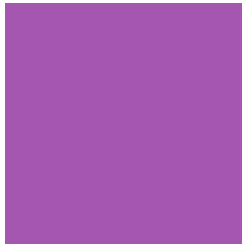
48.0270, -13.8173, 92.0613



8.1160, -2.5222, 15.6843

Previews

White Background



This preview shows how the YUV color 119.5820, 27.8141, 38.9546 looks on a white background.

Color Contrast Check

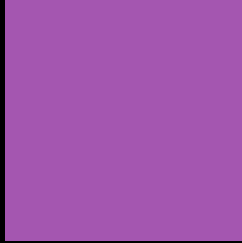
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.5820, 27.8141, 38.9546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

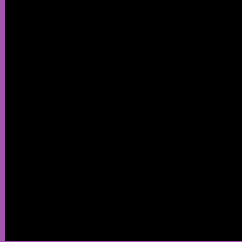
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.5820, 27.8141, 38.9546

Background



This preview shows how black text looks on a background with the YUV color 119.5820, 27.8141, 38.9546.



This preview shows how white text looks on a background with the YUV color 119.5820, 27.8141,

38.9546.

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

119.5820, 27.8141, 38.9546

Protanopia

113.4530, 43.1607, -30.2153

Deuteranopia

115.8770, 26.6826, -18.3091



Tritanopia

118.7590, -4.3182, 31.7834

Trichromacy



Original Color

119.5820, 27.8141, 38.9546

Protanomaly

115.8260, 37.5538, -5.1094

Deuteranomaly

117.1230, 27.0544, 2.5231

Tritanomaly

118.8700, 7.4591, 34.3170

Monochromacy



Original Color

119.5820, 27.8141, 38.9546

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.0200, 9.8501, 14.0145

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.5820, 27.8141, 38.9546 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(164, 86, 176)` looks like.

```
.text, #text, p{  
    color:rgb(164, 86, 176)  
}
```

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(164, 86, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 86, 176) }
```

Border

The CSS property to change the border of an element to YUV 119.5820, 27.8141, 38.9546 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(164, 86, 176) }
```


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

```
.border{ border-color:rgb(164, 86, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 86, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 86, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 86, 176);  
box-shadow:4px 4px 4px 4px rgb(164, 86,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 119.5820, 27.8141, 38.9546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 86, 176) }
```

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

```
.background{ background-color: rgb(164, 86,  
176) }
```

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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