

Converting Colors

YUV(121.0190, 38.4446,
35.9403)

Have a look what the booklet for
YUV(121.0190, 38.4446, 35.9403)
contains.

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Color

**YUV(121.0190, 38.4446,
35.9403)**

Conversions

Conversions Part 1

Format	Color
Hex	A255C7
RGB	162, 85, 199
RGB Percent	64%, 33%, 78%
CMY	0.3647, 0.6667, 0.2196
CMYK	0.19, 0.57, 0.00, 0.22
HSL	281°, 50%, 56%
HSV	281°, 57%, 78%
XYZ	28.4576, 18.3019, 56.0656
YIQ	121.0190, 9.2980, 51.7780

Conversions

Conversions Part 2

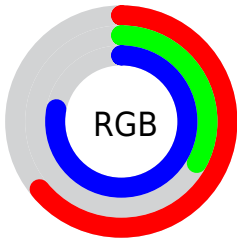
Format	Color
R_{YB}	162, 85, 199
Decimal	10638791
CIE _{Lab}	49.86, 50.61, -46.75
CIE _{LCh}	50, 68.902, 317.273
Yxy	18.3019, 0.2768, 0.1780
Android (android.graphics.Color)	4288828871 (0xFFA255C7)
YUV	121.0190, 38.4446, 35.9403
Hunter-Lab	42.7807, 43.8713, -47.7550

Details

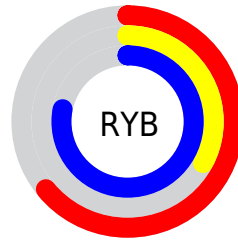
The YUV color **121.0190, 38.4446, 35.9403** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **162.9810, -38.4446, -35.9403**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.5570, 39.1654, 38.0995**, and **67.1930, 37.8659, 34.9107** is the 20% darker color. If you saturate the color by 10%, you get **107.4850, 45.1169, 42.5477**, and if you desaturate by 10%, it is **134.5530, 31.7724, 29.3330**.

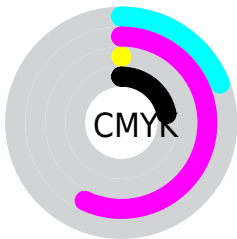
Distribution



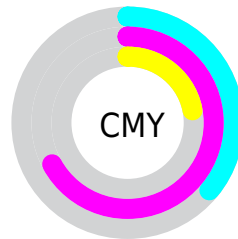
- Red (64%)
- Green (33%)
- Blue (78%)



- Red (64%)
- Yellow (33%)
- Blue (78%)



- Cyan (19%)
- Magenta (57%)
- Yellow (0%)
- Black (22%)



- Cyan (36%)
- Magenta (67%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.0190, 38.4446, 35.9403 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 121.0190, 38.4446, 35.9403 by changing the saturation by 10% instead.

121.0190, 38.4446,
35.9403

121.0190, 38.4446,
35.9403

255.0000, 0.0000,
0.0000

94.1930, 37.8659,
34.9107

175.5570, 39.1654,
38.0995

67.1930, 37.8659,
34.9107

200.3760, 26.9296,
42.6432

37.3720, 39.7496,
37.3848

218.6060, 17.9422,
31.9175

26.4490, 32.8096,
23.2852

235.6290, 9.5499,
16.9884

17.1350, 25.5694,
12.1596

252.6520, 1.1576,
2.0592

5.1300, 19.6559,
-4.4990

3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 121.0190, 38.4446,
35.9403

■ 121.0190, 38.4446,
35.9403

■ 107.4850, 45.1169,
42.5477

■ 134.5530, 31.7724,
29.3330

■ 93.6520, 51.9366,
48.5402

■ 148.3860, 24.9527,
23.3405

■ 80.1180, 58.6088,
55.1475

■ 161.9200, 18.2804,
16.7332

■ 66.2850, 65.4285,
61.1401

■ 175.7530, 11.4608,
10.7406

■ 62.7520, 67.1703,
62.4845

■ 189.2870, 4.7885,
4.1333

■ 202.5330, -1.7418,
-1.3444

■ 216.0670, -8.4140,
-7.9518

■ 229.9000,
-15.2337, -13.9443

■ 238.1510,
-19.3014, -15.9184

Harmonies

Analogous

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



105.6250, 62.3029, -56.6761



121.0190, 38.4446, 35.9403



110.8330, 17.3373, 86.0925

Triad

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



121.0190, 38.4446, 35.9403



111.8450, -55.1396, 45.7399



101.8560, 24.7210, -89.3277

Complementary

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



121.0190, 38.4446, 35.9403



162.9810, -38.4446, -35.9403

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.



94.3150, -1.6343, -82.7143



121.0190, 38.4446, 35.9403



107.4500, -52.9728, 3.9904

Square

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



121.0190, 38.4446, 35.9403



110.3050, -39.0974, 80.4165



91.5700, -31.8330, -56.6279



106.6100, 48.0133, -93.4970

Rectangle

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



121.0190, 38.4446, 35.9403



104.9800, 0.9959, 100.8725



91.5700, -31.8330, -56.6279



99.5760, 15.9850, -87.3282

Sweetspot

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



121.0190, 38.4446, 35.9403



225.5730, 14.5075, 13.5295



120.3020, 38.7981, -30.9599



110.0470, 8.8508, 7.8518



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



121.0190, 38.4446, 35.9403



134.6450, 59.3350, 55.5623



129.9160, 24.6914, 60.5867



92.8200, 3.0467, 2.7889



51.4720, 54.9833, 51.3291



11.2800, 12.1870, 11.1554

Inverse Universe

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



123.3040, -0.6429, 66.3854



138.1220, -1.0461, 102.5020



154.0840, -24.6914, -60.5867



93.0330, -0.0163, 5.2331



54.7790, -0.8770, 94.9098



12.1320, -0.0651, 20.9322

Previews

White Background



This preview shows how the YUV color 121.0190, 38.4446, 35.9403 looks on a white background.

Color Contrast Check

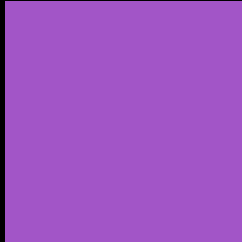
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.0190, 38.4446, 35.9403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

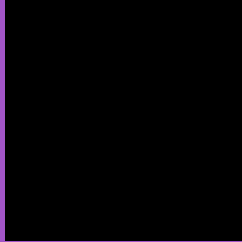
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.0190, 38.4446, 35.9403

Background



This preview shows how black text looks on a background with the YUV color 121.0190, 38.4446, 35.9403.



This preview shows how white text looks on a background with the YUV color 121.0190, 38.4446, 35.9403.

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

121.0190, 38.4446, 35.9403

Protanopia

109.7570, 58.7868, -48.8989

Deuteranopia

114.1660, 38.3722, -34.3486



Tritanopia

120.5840, -2.2599, 24.9208

Trichromacy



Original Color

121.0190, 38.4446, 35.9403



Protanomaly

113.7070, 51.4164, -18.1600



Deuteranomaly

117.0320, 38.4382, -8.7981



Tritanomaly

120.8030, 12.4221, 29.1138

Monochromacy



Original Color

121.0190, 38.4446, 35.9403



Achromatopsia

121.0000, 0.0000, 0.0000



Achromatomaly

121.0460, 13.7813, 13.1147

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.0190, 38.4446, 35.9403 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, 85, 199)` looks like.

```
.text, #text, p{  
    color:rgb(162, 85, 199)  
}
```

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, 85, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 85, 199) }
```

Border

The CSS property to change the border of an element to YUV 121.0190, 38.4446, 35.9403 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, 85, 199) }
```


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

```
.border{ border-color:rgb(162, 85, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 85, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 85, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 85, 199);  
box-shadow:4px 4px 4px 4px rgb(162, 85,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 121.0190, 38.4446, 35.9403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 85, 199) }
```

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

```
.background{ background-color: rgb(162, 85,  
199) }
```

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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