

Converting Colors

YUV(127.0040, 34.5080,
38.5845)

Have a look what the booklet for
YUV(127.0040, 34.5080, 38.5845)
contains.

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Color

**YUV(127.0040, 34.5080,
38.5845)**

Conversions

Conversions Part 1

Format	Color
Hex	AB5BC5
RGB	171, 91, 197
RGB Percent	67%, 36%, 77%
CMY	0.3294, 0.6431, 0.2275
CMYK	0.13, 0.54, 0.00, 0.23
HSL	285°, 48%, 56%
HSV	285°, 54%, 77%
XYZ	30.6137, 20.1713, 55.1033
YIQ	127.0040, 13.6540, 49.9260

Conversions

Conversions Part 2

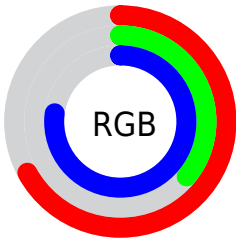
Format	Color
R_{YB}	171, 91, 197
Decimal	11230149
CIE _{Lab}	52.03, 49.50, -42.09
CIE _{LCh}	52, 64.977, 319.630
Yxy	20.1713, 0.2891, 0.1905
Android (android.graphics.Color)	4289420229 (0xFFAB5BC5)
YUV	127.0040, 34.5080, 38.5845
Hunter-Lab	44.9125, 43.0742, -41.3043

Details

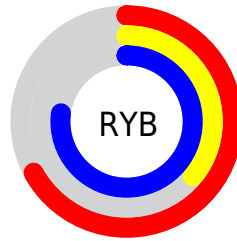
The YUV color **127.0040, 34.5080, 38.5845** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **160.9960, -34.5080, -38.5845**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.6560, 35.6656, 40.6437**, and **73.2920, 34.3660, 37.4549** is the 20% darker color. If you saturate the color by 10%, you get **113.7690, 41.0329, 45.8066**, and if you desaturate by 10%, it is **140.2390, 27.9832, 31.3624**.

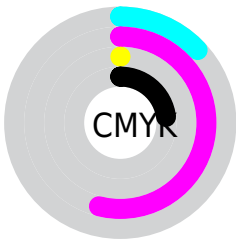
Distribution



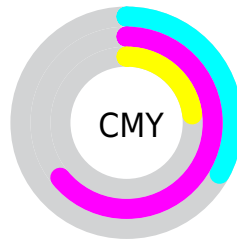
- Red (67%)
- Green (36%)
- Blue (77%)



- Red (67%)
- Yellow (36%)
- Blue (77%)



- Cyan (13%)
- Magenta (54%)
- Yellow (0%)
- Black (23%)



- Cyan (33%)
- Magenta (64%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.0040, 34.5080, 38.5845 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 127.0040, 34.5080, 38.5845 by changing the saturation by 10% instead.

127.0040, 34.5080,
38.5845

127.0040, 34.5080,
38.5845

255.0000, 0.0000,
0.0000

100.1780, 33.9292,
37.5549

181.6560, 35.6656,
40.6437

73.2920, 34.3660,
37.4549

206.2790, 24.0195,
42.7283

42.8840, 36.5392,
40.4437

222.7150, 15.9165,
28.3139

29.2110, 30.4620,
29.6330

239.1510, 7.8136,
13.8996

19.2990, 23.5166,
17.2778

5.0160, 19.2191,
-4.3990

3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 127.0040, 34.5080,
38.5845

■ 127.0040, 34.5080,
38.5845

■ 113.7690, 41.0329,
45.8066

■ 140.2390, 27.9832,
31.3624

■ 101.1210, 47.2683,
52.5139

■ 152.8870, 21.7477,
24.6551

■ 88.1850, 53.6458,
60.3508

■ 165.8230, 15.3703,
16.8182

■ 74.9500, 60.1706,
67.5729

■ 179.0580, 8.8454,
9.5961

■ 67.0090, 64.0856,
71.9061

■ 192.2930, 2.3206,
2.3740

■ 204.9410, -3.9149,
-4.3333

■ 218.1760,
-10.4398, -11.5554

■ 231.4110,
-16.9646, -18.7774

■ 236.1290,
-19.2906, -19.4071

Harmonies

Analogous

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



118.5090, 54.9651, -36.4034



127.0040, 34.5080, 38.5845



119.0730, 13.2750, 82.3740

Triad

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



127.0040, 34.5080, 38.5845



116.8400, -57.6021, 42.2363



105.7030, 26.7684, -92.7015

Complementary

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



127.0040, 34.5080, 38.5845



160.9960, -34.5080, -38.5845

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.



98.5040, 1.7235, -86.3880



127.0040, 34.5080, 38.5845



111.8690, -55.1514, 2.7459

Square

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



127.0040, 34.5080, 38.5845



117.8590, -39.3705, 74.6687



99.8350, -27.0337, -55.9833



109.4140, 48.6029, -95.9561

Rectangle

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



127.0040, 34.5080, 38.5845



115.7850, -3.3450, 93.1506



99.8350, -27.0337, -55.9833



103.5370, 18.4693, -90.8019

Sweetspot

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



127.0040, 34.5080, 38.5845



227.9430, 13.3391, 14.9590



118.9330, 38.4870, -24.4972



111.5310, 8.1192, 9.1813



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.



127.0040, 34.5080, 38.5845



145.2990, 54.0826, 60.2508



131.8140, 19.3187, 57.1681



93.1190, 2.8993, 3.4036



55.3590, 53.0670, 59.3212



12.1770, 11.7447, 12.9998

Inverse Universe

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



125.6580, -4.2684, 62.5669



143.3080, -6.5608, 97.9539



156.3000, -18.8819, -57.2681



92.9190, -0.4531, 5.3330



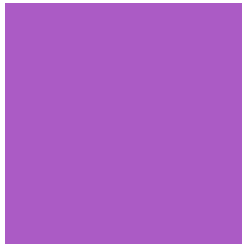
53.2970, -6.5554, 96.2095



11.7900, -1.3755, 21.2322

Previews

White Background



This preview shows how the YUV color 127.0040, 34.5080, 38.5845 looks on a white background.

Color Contrast Check

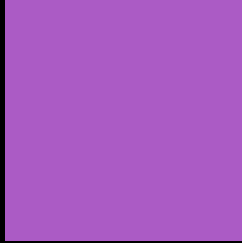
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.0040, 34.5080, 38.5845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

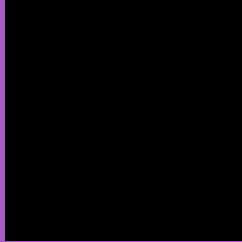
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.0040, 34.5080, 38.5845

Background



This preview shows how black text looks on a background with the YUV color 127.0040, 34.5080, 38.5845.



This preview shows how white text looks on a background with the YUV color 127.0040, 34.5080,

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

127.0040, 34.5080, 38.5845

Protanopia

118.8030, 52.3551, -39.2922

Deuteranopia

121.7710, 34.1299, -26.9862



Tritanopia

126.5630, -3.7286, 29.3242

Trichromacy



Original Color

127.0040, 34.5080, 38.5845



Protanomaly

121.6710, 46.0112, -11.1125



Deuteranomaly

123.6260, 34.2014, -3.1800



Tritanomaly

126.8420, 9.9379, 32.5876

Monochromacy



Original Color

127.0040, 34.5080, 38.5845



Achromatopsia

127.0000, 0.0000, 0.0000



Achromatomaly

127.0030, 12.3235, 14.0294

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.0040, 34.5080, 38.5845 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(171, 91, 197)` looks like.

```
.text, #text, p{  
    color:rgb(171, 91, 197)  
}
```

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(171, 91, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 91, 197) }
```

Border

The CSS property to change the border of an element to YUV 127.0040, 34.5080, 38.5845 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(171, 91, 197) }
```


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

```
.border{ border-color:rgb(171, 91, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 91, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 91, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 91, 197);  
box-shadow:4px 4px 4px 4px rgb(171, 91,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 127.0040, 34.5080, 38.5845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 91, 197) }
```

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

```
.background{ background-color: rgb(171, 91,  
197) }
```

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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