

Converting Colors

YUV(156.0340, 38.9302,
20.1412)

Have a look what the booklet for
YUV(156.0340, 38.9302, 20.1412)
contains.

YUV(156.0340, 38.9302, 20.1412)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(156.0340, 38.9302,
20.1412)**

Conversions

Conversions Part 1

Format	Color
Hex	B381EB
RGB	179, 129, 235
RGB Percent	70%, 51%, 92%
CMY	0.2980, 0.4941, 0.0784
CMYK	0.24, 0.45, 0.00, 0.08
HSL	268°, 73%, 71%
HSV	268°, 45%, 92%
XYZ	41.4361, 31.2824, 82.4514
YIQ	156.0340, -4.2260, 43.5660

Conversions

Conversions Part 2

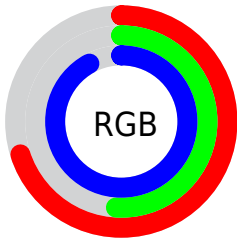
Format	Color
R_{YB}	179, 129, 235
Decimal	11764203
CIE _{Lab}	62.75, 39.71, -46.53
CIE _{LCh}	63, 61.167, 310.477
Yxy	31.2824, 0.2670, 0.2016
Android (android.graphics.Color)	4289954283 (0xFFB381EB)
YUV	156.0340, 38.9302, 20.1412
Hunter-Lab	55.9307, 34.3626, -48.2522

Details

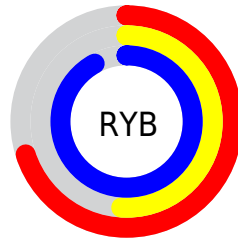
The YUV color **156.0340, 38.9302, 20.1412** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **207.9660, -38.9302, -20.1412**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.3540, 23.4895, 25.9995**, and **103.2680, 37.3359, 18.1820** is the 20% darker color. If you saturate the color by 10%, you get **138.9450, 47.3551, 24.6042**, and if you desaturate by 10%, it is **173.7100, 30.2160, 15.1633**.

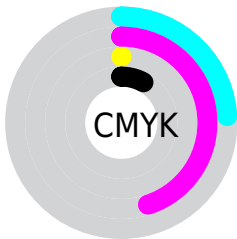
Distribution



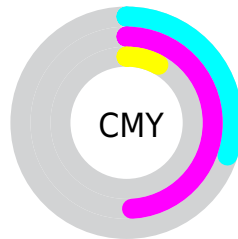
- Red (70%)
- Green (51%)
- Blue (92%)



- Red (70%)
- Yellow (51%)
- Blue (92%)



- Cyan (24%)
- Magenta (45%)
- Yellow (0%)
- Black (8%)




- Cyan (30%)
- Magenta (49%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 156.0340, 38.9302, 20.1412 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 156.0340, 38.9302, 20.1412 by changing the saturation by 10% instead.


 156.0340, 38.9302,
20.1412


 156.0340, 38.9302,
20.1412


255.0000, 0.0000,
0.0000


 129.0940, 37.9147,
19.2116

 207.3540, 23.4895,
25.9995


 103.2680, 37.3359,
18.1820


 229.1720, 12.7332,
22.6512

 77.9150, 36.0309,
16.7375

 245.6080, 4.6303,
8.2368

 52.7900, 35.5995,
15.0932

 26.6050, 36.1837,
14.3784

 13.3340, 30.4013,
2.3381

 5.9280, 22.7135,

-5.1989

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 156.0340, 38.9302,
20.1412

■ 156.0340, 38.9302,
20.1412

■ 138.9450, 47.3551,
24.6042

■ 173.7100, 30.2160,
15.1633

■ 120.9700, 56.2168,
28.9673

■ 191.0980, 21.6437,
11.3151

■ 103.2940, 64.9311,
33.9452

■ 208.7740, 12.9294,
6.3372

■ 85.9060, 73.5033,
37.7934

■ 226.1620, 4.3571,
2.4889

■ 68.8170, 81.9282,
42.2565

■ 243.8380, -4.3571,
-2.4889

■ 59.9790, 86.2854,
44.7454

■ 252.1220, -8.4411,
0.7700

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



140.7190, 56.3405, -57.6356



156.0340, 38.9302, 20.1412



153.7230, 17.3916, 68.6489

Triad

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



156.0340, 38.9302, 20.1412



147.2250, -51.3829, 54.1767



123.8660, 22.7441, -108.6305

Complementary

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



156.0340, 38.9302, 20.1412



207.9660, -38.9302, -20.1412

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.



115.6070, -1.2853, -101.3873



156.0340, 38.9302, 20.1412



142.9570, -55.1948, 16.7007

Square

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



156.0340, 38.9302, 20.1412



148.5530, -31.8246, 81.0760



136.5950, -36.2823, -29.4628



128.5060, 45.5995, -112.6998

Rectangle

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



156.0340, 38.9302, 20.1412



150.2940, 1.3341, 85.6882



136.5950, -36.2823, -29.4628



121.1130, 14.7343, -106.2161

Sweetspot

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



156.0340, 38.9302, 20.1412



228.1870, 13.2188, 6.8520



174.5430, 29.8053, -39.9412



111.4980, 8.1355, 3.9483



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.



156.0340, 38.9302, 20.1412



152.1670, 50.6967, 26.1635



171.5820, 31.2651, 52.1096



108.7490, 4.0677, 1.9741



46.0490, 66.5308, 34.1600



13.6310, 19.9019, 9.9706

Inverse Universe

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



167.0780, 8.8355, 59.5676



166.5840, 11.5441, 77.5408



192.4180, -31.2651, -52.1096



109.9730, 0.9993, 6.1627



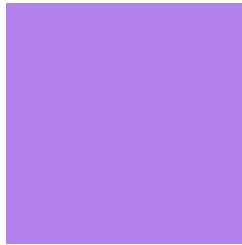
65.0630, 15.2519, 101.6767



19.3380, 4.2704, 30.3986

Previews

White Background



This preview shows how the YUV color 156.0340, 38.9302, 20.1412 looks on a white background.

Color Contrast Check

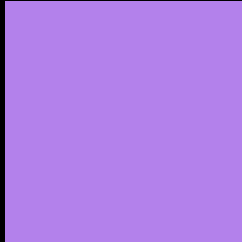
Large Text (above 18pt) WCAG AA × Fail

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 156.0340, 38.9302, 20.1412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

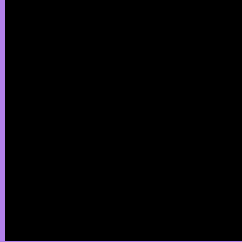
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.0340, 38.9302, 20.1412

Background



This preview shows how black text looks on a background with the YUV color 156.0340, 38.9302, 20.1412.



This preview shows how white text looks on a background with the YUV color 156.0340, 38.9302,

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

156.0340, 38.9302, 20.1412

Protanopia

148.7820, 50.8865, -34.8888

Deuteranopia

148.9430, 39.9611, -30.6450



Tritanopia

153.0490, 2.4408, 10.4810

Trichromacy



Original Color

156.0340, 38.9302, 20.1412



Protanomaly

151.4640, 46.6062, -15.3159



Deuteranomaly

151.6510, 39.6121, -11.9719



Tritanomaly

154.2140, 15.6705, 13.8443

Monochromacy



Original Color

156.0340, 38.9302, 20.1412



Achromatopsia

156.0000, 0.0000, 0.0000



Achromatomaly

155.8280, 14.3818, 7.1668

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.0340, 38.9302, 20.1412 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(179, 129, 235)` looks like.

```
.text, #text, p{  
    color:rgb(179, 129, 235)  
}
```

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(179, 129, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 129, 235) }
```

Border

The CSS property to change the border of an element to YUV 156.0340, 38.9302, 20.1412 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(179, 129, 235) }
```


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

```
.border{ border-color:rgb(179, 129, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 129, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 129, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 129, 235); box-shadow:4px 4px 4px 4px rgb(179, 129, 235) }
```

Background

The CSS property to change the background color of an element to YUV 156.0340, 38.9302, 20.1412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 129, 235) }
```

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

```
.background{ background-color: rgb(179,  
129, 235) }
```

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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