

Converting Colors

YUV(106.6580, 73.1326,
63.4439)

Have a look what the booklet for
YUV(106.6580, 73.1326, 63.4439)
contains.

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Color

**YUV(106.6580, 73.1326,
63.4439)**

Conversions

Conversions Part 1

Format	Color
Hex	B329FF
RGB	179, 41, 255
RGB Percent	70%, 16%, 100%
CMY	0.2980, 0.8392, 0.0000
CMYK	0.30, 0.84, 0.00, 0.00
HSL	279°, 100%, 58%
HSV	279°, 84%, 100%
XYZ	37.4333, 18.3896, 96.1843
YIQ	106.6580, 13.5540, 95.8100

Conversions

Conversions Part 2

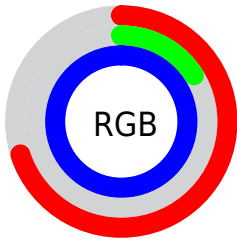
Format	Color
R _{YB}	179, 41, 255
Decimal	11741695
CIE _{Lab}	49.97, 82.17, -78.17
CIE _{LCh}	50, 113.411, 316.429
Yxy	18.3896, 0.2463, 0.1210
Android (android.graphics.Color)	4289931775 (0xFFB329FF)
YUV	106.6580, 73.1326, 63.4439
Hunter-Lab	42.8831, 80.7702, -102.9660

Details

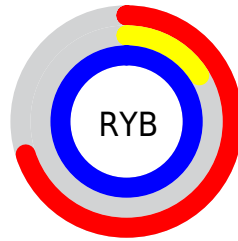
The YUV color **106.6580, 73.1326, 63.4439** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **189.3420, -73.1326, -63.4439**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.0520, 45.3304, 67.4834**, and **57.7400, 68.6552, 52.8480** is the 20% darker color. If you saturate the color by 10%, you get **89.2920, 81.6940, 70.7809**, and if you desaturate by 10%, it is **124.0240, 64.5712, 56.1070**.

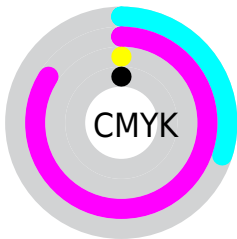
Distribution



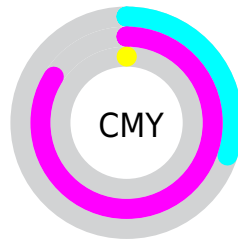
- Red (70%)
- Green (16%)
- Blue (100%)



- Red (70%)
- Yellow (16%)
- Blue (100%)



- Cyan (30%)
- Magenta (84%)
- Yellow (0%)
- Black (0%)





- Cyan (30%)
- Magenta (84%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.6580, 73.1326, 63.4439 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 106.6580, 73.1326, 63.4439 by changing the saturation by 10% instead.


 106.6580, 73.1326,
63.4439


 106.6580, 73.1326,
63.4439


255.0000, 0.0000,
0.0000


 70.3150, 76.7527,
69.0067


 163.0520, 45.3304,
67.4834


 57.7400, 68.6552,
52.8480


 185.1470, 34.4375,
61.2611


 45.2790, 60.9945,
36.5893


 202.1700, 26.0452,
46.3319

 32.2200, 53.6285,
19.1011

 219.7800, 17.3635,
30.8879

 17.5950, 48.0207,
-2.2758

 236.8030, 8.9711,
15.9588

 10.1460, 38.8750,
-8.8980

254.4130, 0.2894,

 11.4050, 25.9293,

0.5148

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.8670, 8.4466,
-2.5144

■ 106.6580, 73.1326,
63.4439

■ 106.6580, 73.1326,
63.4439

■ 89.2920, 81.6940,
70.7809

■ 124.0240, 64.5712,
56.1070

■ 78.1060, 87.2087,
75.3290

■ 141.9770, 55.7203,
48.2552

■ 159.9300, 46.8695,
40.4034

■ 177.2960, 38.3081,
33.0664

■ 195.2490, 29.4572,
25.2146

■ 212.6150, 20.8958,
17.8776

■ 230.5680, 12.0450,
10.0259

■ 247.9340, 3.4835,
2.6889

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



97.1620, 77.8141, -85.2111



106.6580, 73.1326, 63.4439



95.2830, 35.3565, 140.0718

Triad

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



106.6580, 73.1326, 63.4439



111.9330, -55.1830, 59.6948



110.0060, 30.5630, -96.4753

Complementary

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



106.6580, 73.1326, 63.4439



189.3420, -73.1326, -63.4439

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.



96.5030, -13.5590, -84.6331



106.6580, 73.1326, 63.4439



105.0030, -51.7665, -9.6496

Square

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



106.6580, 73.1326, 63.4439



72.3580, -35.6725, 148.7760



85.1150, -41.9617, -74.6459



119.4680, 66.8173, -104.7734

Rectangle

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



106.6580, 73.1326, 63.4439



88.1010, 7.8382, 146.3704



85.1150, -41.9617, -74.6459



105.5430, 16.0013, -92.5612

Sweetspot

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



106.6580, 73.1326, 63.4439



210.5550, 21.9114, 18.8073



111.1820, 70.9023, -61.5496



100.9210, 13.3499, 11.4703



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.



106.6580, 73.1326, 63.4439



78.1060, 87.2087, 75.3290



126.0760, 49.2625, 113.0663



118.8740, 4.4991, 3.6185



58.5510, 65.2974, 56.5218



19.5550, 21.9114, 18.8073

Inverse Universe

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



113.6500, 1.6516, 123.9640



86.6190, 2.1598, 147.6701



169.9240, -49.2625, -113.0663



119.3430, -0.1691, 7.5922



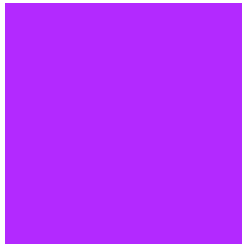
64.8610, 1.5475, 110.6239



21.7580, 0.6123, 37.0462

Previews

White Background



This preview shows how the YUV color 106.6580, 73.1326, 63.4439 looks on a white background.

Color Contrast Check

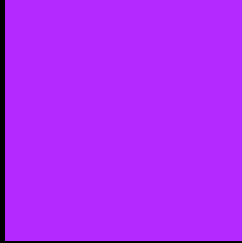
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.6580, 73.1326, 63.4439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

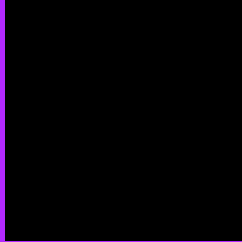
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 106.6580, 73.1326, 63.4439

Background



This preview shows how black text looks on a background with the YUV color 106.6580, 73.1326, 63.4439.



This preview shows how white text looks on a background with the YUV color 106.6580, 73.1326, 63.4439.

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

106.6580, 73.1326, 63.4439

Protanopia

95.0930, 72.4252, -83.3966

Deuteranopia

95.5540, 56.4219, -83.8009



Tritanopia

120.8620, -3.8760, 29.9390

Trichromacy



Original Color

106.6580, 73.1326, 63.4439



Protanomaly

99.2490, 72.8412, -30.0364



Deuteranomaly

99.7900, 62.2215, -30.5108



Tritanomaly

115.9800, 24.1669, 42.1135

Monochromacy



Original Color

106.6580, 73.1326, 63.4439



Achromatopsia

107.0000, 0.0000, 0.0000



Achromatomaly

106.8420, 26.6999, 22.9406

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.6580, 73.1326, 63.4439 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, 41, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 41, 255)  
}
```

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, 41, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 41, 255) }
```

Border

The CSS property to change the border of an element to YUV 106.6580, 73.1326, 63.4439 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, 41, 255) }
```


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

```
.border{ border-color:rgb(179, 41, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 41, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 41, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 41, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 41,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 106.6580, 73.1326, 63.4439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 41, 255) }
```

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

```
.background{ background-color: rgb(179, 41,  
255) }
```

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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