

Converting Colors

YUV(122.0170, 65.0676,
36.8191)

Have a look what the booklet for
YUV(122.0170, 65.0676, 36.8191)
contains.

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Color

**YUV(122.0170, 65.0676,
36.8191)**

Conversions

Conversions Part 1

Format	Color
Hex	A44BFE
RGB	164, 75, 254
RGB Percent	64%, 29%, 100%
CMY	0.3569, 0.7059, 0.0039
CMYK	0.35, 0.70, 0.00, 0.00
HSL	270°, 99%, 65%
HSV	270°, 70%, 100%
XYZ	35.7153, 20.0804, 95.7594
YIQ	122.0170, -4.4150, 74.5370

Conversions

Conversions Part 2

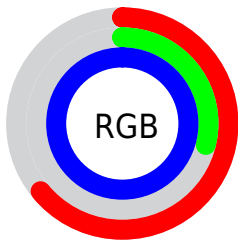
Format	Color
RYB	164, 75, 254
Decimal	10767358
CIELab	51.93, 68.01, -74.50
CIELCh	52, 100.878, 312.394
Yxy	20.0804, 0.2357, 0.1325
Android (android.graphics.Color)	4288957438 (0xFFA44BFE)
YUV	122.0170, 65.0676, 36.8191
Hunter-Lab	44.8112, 63.8481, -95.3322

Details

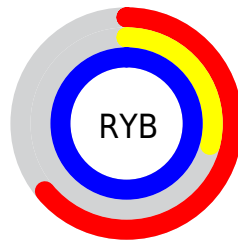
The YUV color **122.0170, 65.0676, 36.8191** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **206.9830, -65.0676, -36.8191**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.3560, 40.7435, 45.2918**, and **56.9620, 68.5457, 41.2523** is the 20% darker color. If you saturate the color by 10%, you get **103.4550, 74.2187, 41.6970**, and if you desaturate by 10%, it is **140.5790, 55.9166, 31.9412**.

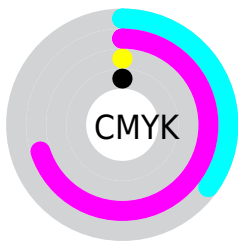
Distribution



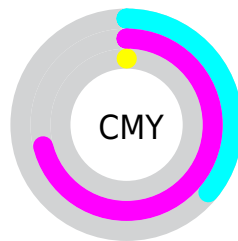
- Red (64%)
- Green (29%)
- Blue (100%)



- Red (64%)
- Yellow (29%)
- Blue (100%)



- Cyan (35%)
- Magenta (70%)
- Yellow (0%)
- Black (0%)





- Cyan (36%)
- Magenta (71%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 122.0170, 65.0676, 36.8191 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 122.0170, 65.0676, 36.8191 by changing the saturation by 10% instead.


 122.0170, 65.0676,
36.8191


 122.0170, 65.0676,
36.8191


255.0000, 0.0000,
0.0000


 92.7180, 65.2150,
36.2043


 172.3560, 40.7435,
45.2918


 56.9620, 68.5457,
41.2523


 198.0610, 28.0709,
49.9355


 40.9790, 62.6214,
28.0824


 214.4970, 19.9680,
35.5211

 27.1370, 56.1345,
8.6499

 231.5200, 11.5756,
20.5920

 12.9960, 49.7950,
-11.3975

 249.1300, 2.8939,
5.1480

 10.1460, 38.8750,
-8.8980

 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 122.0170, 65.0676,
36.8191

■ 122.0170, 65.0676,
36.8191

■ 103.4550, 74.2187,
41.6970

■ 140.5790, 55.9166,
31.9412

■ 84.3060, 83.6591,
47.0896

■ 159.7280, 46.4761,
26.5485

■ 66.6300, 92.3734,
52.0675

■ 177.9910, 37.4724,
21.0559

■ 197.1400, 28.0320,
15.6632

215.7020, 18.8809,
10.7853

234.2640, 9.7298,
5.9075

253.1140, 0.4368,
-0.1000

254.8860, -0.4368,
0.1000

Harmonies

Analogous

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



102.4450, 75.2096, -89.8443



122.0170, 65.0676, 36.8191



93.8460, 41.4879, 133.4391

Triad

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



122.0170, 65.0676, 36.8191



115.8090, -57.0938, 65.9425



110.2850, 24.0165, -96.7199

Complementary

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



122.0170, 65.0676, 36.8191



206.9830, -65.0676, -36.8191

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.



98.0360, -15.3007, -85.9776



122.0170, 65.0676, 36.8191



112.7660, -55.5936, 4.5902

Square

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



122.0170, 65.0676, 36.8191



89.9790, -44.3596, 135.0764



86.2890, -42.5405, -75.6755



119.6330, 59.8339, -104.9181

Rectangle

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



122.0170, 65.0676, 36.8191



90.0390, 15.2638, 144.6708



86.2890, -42.5405, -75.6755



106.2780, 11.2019, -93.2058

Sweetspot

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



122.0170, 65.0676, 36.8191



215.2290, 19.6071, 11.2002



149.4100, 51.5629, -65.2576



104.1330, 11.7664, 6.0224



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.



122.0170, 65.0676, 36.8191



95.0300, 78.8652, 44.7007



148.0300, 52.2432, 90.3047



118.2760, 4.7939, 2.3889



50.1790, 69.4248, 39.3080



16.8640, 23.2380, 13.2743

Inverse Universe

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



138.7810, 12.9260, 101.0471



115.3090, 15.6237, 122.5090



180.9700, -52.2432, -90.3047



119.5710, 0.7045, 7.3922



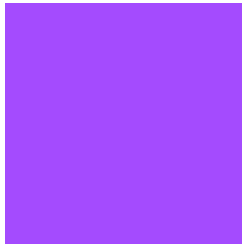
68.0530, 13.7779, 107.8245



22.7840, 4.5435, 36.1464

Previews

White Background



This preview shows how the YUV color 122.0170, 65.0676, 36.8191 looks on a white background.

Color Contrast Check

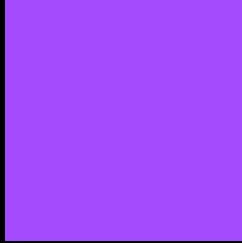
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.0170, 65.0676, 36.8191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

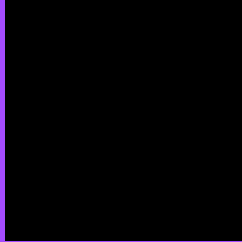
Any Text WCAG AA ✓ Pass

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 122.0170, 65.0676, 36.8191 Background



This preview shows how black text looks on a background with the YUV color 122.0170, 65.0676, 36.8191.



This preview shows how white text looks on a background with the YUV color 122.0170, 65.0676, 36.8191.

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

122.0170, 65.0676, 36.8191

Protanopia

98.5810, 75.6356, -86.4555

Deuteranopia

99.6290, 59.3429, -87.3746



Tritanopia

125.3050, 0.8356, 12.0105

Trichromacy



Original Color

122.0170, 65.0676, 36.8191

Protanomaly

107.2430, 71.8582, -41.4321

Deuteranomaly

107.7840, 61.2385, -41.9066

Tritanomaly

123.8480, 24.2319, 21.1813

Monochromacy



Original Color

122.0170, 65.0676, 36.8191

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.9780, 23.6748, 13.1743

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.0170, 65.0676, 36.8191 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, 75, 254)` looks like.

```
.text, #text, p{  
    color:rgb(164, 75, 254)  
}
```

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, 75, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 75, 254) }
```

Border

The CSS property to change the border of an element to YUV 122.0170, 65.0676, 36.8191 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, 75, 254) }
```


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

```
.border{ border-color:rgb(164, 75, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 75, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 75, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 75, 254);  
box-shadow:4px 4px 4px 4px rgb(164, 75,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 122.0170, 65.0676, 36.8191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 75, 254) }
```

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

```
.background{ background-color: rgb(164, 75,  
254) }
```

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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