

Converting Colors

YUV(121.1570, 65.9846,
22.6643)

Have a look what the booklet for
YUV(121.1570, 65.9846, 22.6643)
contains.

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Color

**YUV(121.1570, 65.9846,
22.6643)**

Conversions

Conversions Part 1

Format	Color
Hex	9352FF
RGB	147, 82, 255
RGB Percent	58%, 32%, 100%
CMY	0.4235, 0.6784, 0.0000
CMYK	0.42, 0.68, 0.00, 0.00
HSL	263°, 100%, 66%
HSV	263°, 68%, 100%
XYZ	33.0999, 19.4576, 96.6189
YIQ	121.1570, -16.7930, 67.5830

Conversions

Conversions Part 2

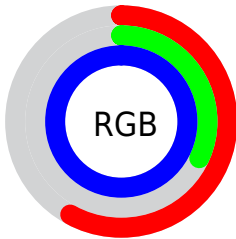
Format	Color
R _Y B	147, 82, 255
Decimal	9655039
CIE Lab	51.22, 62.04, -76.30
CIE LCh	51, 98.338, 309.117
Yxy	19.4576, 0.2219, 0.1304
Android (android.graphics.Color)	4287845119 (0xFF9352FF)
YUV	121.1570, 65.9846, 22.6643
Hunter-Lab	44.1108, 56.7491, -98.9893

Details

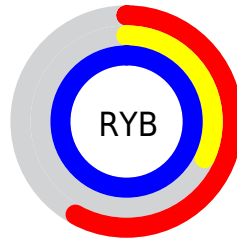
The YUV color **121.1570, 65.9846, 22.6643** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **215.8430, -65.9846, -22.6643**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.2080, 41.8025, 32.2666**, and **63.7220, 65.7061, 18.6608** is the 20% darker color. If you saturate the color by 10%, you get **101.6980, 75.5779, 25.6979**, and if you desaturate by 10%, it is **140.6160, 56.3913, 19.6308**.

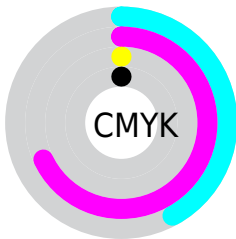
Distribution



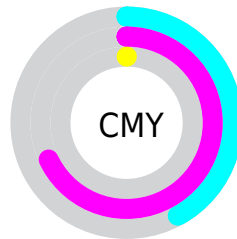
- Red (58%)
- Green (32%)
- Blue (100%)



- Red (58%)
- Yellow (32%)
- Blue (100%)



- Cyan (42%)
- Magenta (68%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (68%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.1570, 65.9846, 22.6643 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 121.1570, 65.9846, 22.6643 by changing the saturation by 10% instead.

121.1570, 65.9846,
22.6643

121.1570, 65.9846,
22.6643

255.0000, 0.0000,
0.0000

93.0320, 65.5532,
21.0199

170.2080, 41.8025,
32.2666

63.7220, 65.7061,
18.6608

195.9130, 29.1299,
36.9103

34.2160, 66.4485,
13.8426

217.4320, 18.5210,
32.9471

16.1880, 62.0253,
-14.1969

234.4550, 10.1287,
18.0180

13.1100, 50.2318,
-11.4975

251.4780, 1.7363,
3.0888

10.1460, 38.8750,
-8.8980

11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 121.1570, 65.9846,
22.6643

■ 121.1570, 65.9846,
22.6643

■ 101.6980, 75.5779,
25.6979

■ 140.6160, 56.3913,
19.6308

■ 81.6520, 85.4606,
29.2462

■ 160.6620, 46.5086,
16.0824

■ 62.1930, 95.0539,
32.2797

■ 180.7080, 36.6260,
12.5341

■ 57.7740, 97.2324,
33.5242

■ 200.1670, 27.0327,
9.5005

■ 220.2130, 17.1500,
5.9522

■ 239.6720, 7.5567,
2.9187

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.



103.0320, 74.9202, -90.3591



121.1570, 65.9846, 22.6643



91.5400, 45.5828, 126.6914

Triad

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



121.1570, 65.9846, 22.6643



113.4830, -55.9471, 71.4904



107.1560, 19.6431, -93.9758

Complementary

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



121.1570, 65.9846, 22.6643



215.8430, -65.9846, -22.6643

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.



95.0210, -19.2374, -83.3334



121.1570, 65.9846, 22.6643



112.2230, -55.3259, 12.0824

Square

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



121.1570, 65.9846, 22.6643



82.2430, -34.6298, 140.9839



84.5280, -41.6723, -74.1311



116.3900, 55.0237, -102.0740

Rectangle

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



121.1570, 65.9846, 22.6643



90.9510, 18.7582, 143.8710



84.5280, -41.6723, -74.1311



103.7360, 6.5392, -90.9765

Sweetspot

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



121.1570, 65.9846, 22.6643



215.4950, 19.4760, 6.5819



166.2920, 43.7330, -73.9241



103.8230, 11.9193, 3.6632



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.



121.1570, 65.9846, 22.6643



94.9200, 78.9194, 27.2572



146.5720, 53.4550, 74.9204



117.9770, 4.9413, 1.7742



43.3020, 72.8151, 25.1681



14.4720, 24.4173, 8.3561

Inverse Universe

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



146.0390, 21.6728, 95.5588



124.5990, 25.8337, 114.3617



190.4280, -53.4550, -74.9204



119.7990, 1.5781, 7.1923



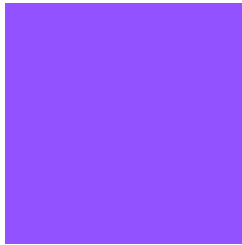
70.6750, 23.8242, 105.5250



23.6960, 8.0379, 35.3466

Previews

White Background



This preview shows how the YUV color 121.1570, 65.9846, 22.6643 looks on a white background.

Color Contrast Check

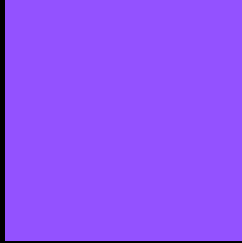
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.1570, 65.9846, 22.6643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

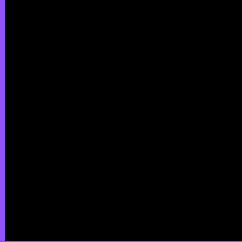
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.1570, 65.9846, 22.6643

Background



This preview shows how black text looks on a background with the YUV color 121.1570, 65.9846, 22.6643.



This preview shows how white text looks on a background with the YUV color 121.1570, 65.9846, 22.6643.

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

121.1570, 65.9846, 22.6643

Deuteranopia

97.9990, 58.1745, -85.9451

Tritanopia

121.8300, 4.5208, -3.3589

Trichromacy



Original Color

121.1570, 65.9846, 22.6643



Deuteranomaly

106.0500, 61.1074, -46.5249



Tritanomaly

121.4440, 26.8961, 6.6266

Monochromacy



Original Color

121.1570, 65.9846, 22.6643



Achromatopsia

121.0000, 0.0000, 0.0000



Achromatomaly

121.0590, 24.1279, 7.8413

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.1570, 65.9846, 22.6643 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(147, 82, 255)` looks like.

```
.text, #text, p{  
    color:rgb(147, 82, 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(147, 82, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 82, 255) }
```

Border

The CSS property to change the border of an element to YUV 121.1570, 65.9846, 22.6643 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(147, 82, 255) }
```

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

```
.border{ border-color:rgb(147, 82, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 82, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 82, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 82, 255);  
box-shadow:4px 4px 4px 4px rgb(147, 82,  
255) }
```


Background

The CSS property to change the background color of an element to YUV 121.1570, 65.9846, 22.6643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 82, 255) }
```

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

```
.background{ background-color: rgb(147, 82,  
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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