

Converting Colors

YUV(89.0720, 81.8025, 35.8939)

Have a look what the booklet for
YUV(89.0720, 81.8025, 35.8939)
contains.

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Color

**YUV(89.0720, 81.8025,
35.8939)**

Conversions

Conversions Part 1

Format	Color
Hex	8224FF
RGB	130, 36, 255
RGB Percent	51%, 14%, 100%
CMY	0.4902, 0.8588, 0.0000
CMYK	0.49, 0.86, 0.00, 0.00
HSL	266°, 100%, 57%
HSV	266°, 86%, 100%
XYZ	27.8868, 13.2276, 95.6911
YIQ	89.0720, -14.2750, 88.0370

Conversions

Conversions Part 2

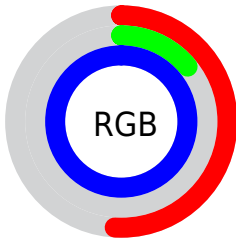
Format	Color
R _Y B	130, 36, 255
Decimal	8529151
CIE Lab	43.10, 77.48, -89.67
CIE LCh	43, 118.509, 310.831
Yxy	13.2276, 0.2038, 0.0967
Android (android.graphics.Color)	4286719231 (0xFF8224FF)
YUV	89.0720, 81.8025, 35.8939
Hunter-Lab	36.3697, 73.2193, -130.5370

Details

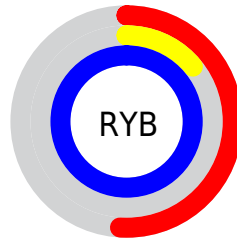
The YUV color **89.0720, 81.8025, 35.8939** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle washed purple. A complement of this color would be **201.9280, -81.8025, -35.8939**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.7160, 54.8630, 43.2221**, and **40.3980, 77.2048, 17.1910** is the 20% darker color. If you saturate the color by 10%, you get **69.3250, 91.5378, 40.0570**, and if you desaturate by 10%, it is **108.2320, 72.3566, 32.2455**.

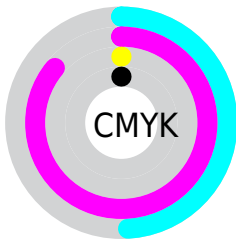
Distribution



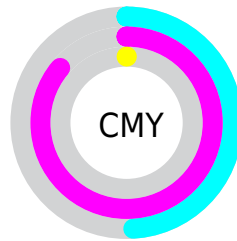
- Red (51%)
- Green (14%)
- Blue (100%)



- Red (51%)
- Yellow (14%)
- Blue (100%)



- Cyan (49%)
- Magenta (86%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (86%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.0720, 81.8025, 35.8939 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 89.0720, 81.8025, 35.8939 by changing the saturation by 10% instead.

89.0720, 81.8025,
35.8939

89.0720, 81.8025,
35.8939

255.0000, 0.0000,
0.0000

54.7670, 84.4179,
37.0383

143.7160, 54.8630,
43.2221

40.3980, 77.2048,
17.1910

170.0080, 41.9011,
47.3510

19.1520, 73.3821,
-16.7963

195.7130, 29.2285,
51.9947

16.0740, 61.5885,
-14.0969

212.7360, 20.8362,
37.0655

12.9960, 49.7950,
-11.3975

229.7590, 12.4438,
22.1364

15.3150, 35.8337,
-13.4313

246.7820, 4.0515,

11.4050, 25.9293,

7.2072

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 89.0720, 81.8025,
35.8939

■ 89.0720, 81.8025,
35.8939

■ 69.3250, 91.5378,
40.0570

■ 108.2320, 72.3566,
32.2455

■ 61.6610, 95.3161,
41.5163

■ 127.6800, 62.7688,
27.4676

■ 146.8400, 53.3229,
23.8193

■ 166.2880, 43.7350,
19.0414

■ 185.4480, 34.2891,
15.3931

■ 204.8960, 24.7013,
10.6152

■ 224.0560, 15.2554,
6.9669

■ 243.5040, 5.6675,
2.1890

■ 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.



92.4660, 80.1293, -81.0927



89.0720, 81.8025, 35.8939



89.2320, 39.3256, 126.9615

Triad

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



89.0720, 81.8025, 35.8939



93.1160, -45.9062, 70.9353



94.2760, 21.0629, -82.6801

Complementary

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



89.0720, 81.8025, 35.8939



201.9280, -81.8025, -35.8939

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.



79.8610, -26.5535, -70.0381



89.0720, 81.8025, 35.8939



92.0780, -45.3945, -0.0684

Square

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



89.0720, 81.8025, 35.8939



69.3680, -34.1984, 142.6283



73.9620, -36.4633, -64.8647



106.2800, 61.9800, -93.2076

Rectangle

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



89.0720, 81.8025, 35.8939



88.1010, 7.8382, 146.3704



73.9620, -36.4633, -64.8647



89.6990, 6.0644, -78.6660

Sweetspot

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



89.0720, 81.8025, 35.8939



204.8960, 24.7013, 10.6152



136.1020, 58.6167, -87.7895



97.6430, 14.9660, 6.4521



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.



89.0720, 81.8025, 35.8939



61.6610, 95.3161, 41.5163



121.0650, 66.0300, 101.6750



117.9770, 4.9413, 1.7742



46.2920, 71.3410, 31.3159



15.3690, 23.9751, 10.2004

Inverse Universe

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



115.7310, 22.3176, 122.1389



92.8890, 26.1837, 142.1713



169.9350, -66.0300, -101.6750



119.6850, 1.1413, 7.2923



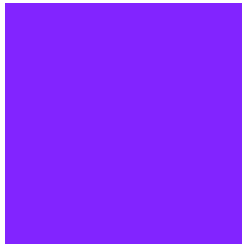
69.5350, 19.4562, 106.5248



23.2400, 6.2907, 35.7465

Previews

White Background



This preview shows how the YUV color 89.0720, 81.8025, 35.8939 looks on a white background.

Color Contrast Check

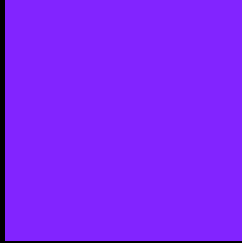
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 89.0720, 81.8025, 35.8939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

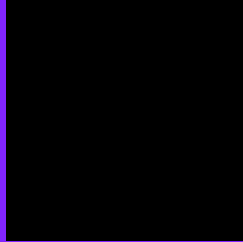
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.0720, 81.8025, 35.8939

Background



This preview shows how black text looks on a background with the YUV color 89.0720, 81.8025, 35.8939.



This preview shows how white text looks on a background with the YUV color 89.0720, 81.8025,

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

89.0720, 81.8025, 35.8939

Protanopia

81.0100, 61.6201, -71.0458

Deuteranopia

81.8130, 46.9272, -71.7500



Tritanopia

100.4380, 5.7001, -8.2771

Trichromacy



Original Color

89.0720, 81.8025, 35.8939

Protanomaly

83.6140, 69.2103, -32.1105

Deuteranomaly

84.3830, 59.4642, -32.7849

Tritanomaly

96.4640, 33.2952, 7.4861

Monochromacy



Original Color

89.0720, 81.8025, 35.8939

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.1720, 29.4952, 13.0042

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.0720, 81.8025, 35.8939 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(130, 36, 255)` looks like.

```
.text, #text, p{  
    color:rgb(130, 36, 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(130, 36, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 36, 255) }
```

Border

The CSS property to change the border of an element to YUV 89.0720, 81.8025, 35.8939 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(130, 36, 255) }
```


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

```
.border{ border-color:rgb(130, 36, 255) }
```

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

Here you see how a box with a 4 pixel rgb(130, 36, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 36, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 36, 255);  
box-shadow:4px 4px 4px 4px rgb(130, 36,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 89.0720, 81.8025, 35.8939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 36, 255) }
```

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

```
.background{ background-color: rgb(130, 36,  
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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