

Converting Colors

YUV(135.2560, 59.0338,
12.0535)

Have a look what the booklet for
YUV(135.2560, 59.0338, 12.0535)
contains.

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Color

**YUV(135.2560, 59.0338,
12.0535)**

Conversions

Conversions Part 1

Format	Color
Hex	9569FF
RGB	149, 105, 255
RGB Percent	58%, 41%, 100%
CMY	0.4157, 0.5882, 0.0000
CMYK	0.42, 0.59, 0.00, 0.00
HSL	258°, 100%, 71%
HSV	258°, 59%, 100%
XYZ	35.4960, 23.7127, 97.3139
YIQ	135.2560, -21.9260, 55.9780

Conversions

Conversions Part 2

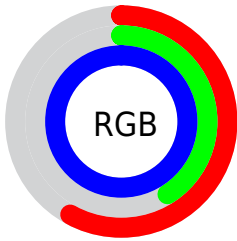
Format	Color
R _Y B	149, 105, 255
Decimal	9791999
CIE Lab	55.80, 50.59, -68.86
CIE LCh	56, 85.444, 306.304
Yxy	23.7127, 0.2268, 0.1515
Android (android.graphics.Color)	4287982079 (0xFF9569FF)
YUV	135.2560, 59.0338, 12.0535
Hunter-Lab	48.6957, 44.8974, -84.3987

Details

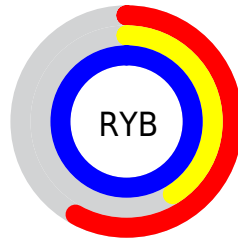
The YUV color **135.2560, 59.0338, 12.0535** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **224.7440, -59.0338, -12.0535**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.0080, 34.9991, 21.0410**, and **81.3540, 57.0135, 6.7055** is the 20% darker color. If you saturate the color by 10%, you get **115.1990, 68.9219, 13.8575**, and if you desaturate by 10%, it is **155.9000, 48.8563, 9.7347**.

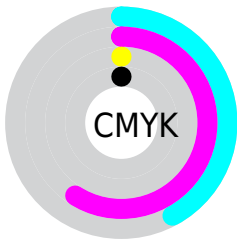
Distribution



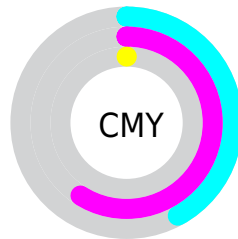
- Red (58%)
- Green (41%)
- Blue (100%)



- Red (58%)
- Yellow (41%)
- Blue (100%)



- Cyan (42%)
- Magenta (59%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (59%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.2560, 59.0338, 12.0535 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 135.2560, 59.0338, 12.0535 by changing the saturation by 10% instead.

■ 135.2560, 59.0338,
12.0535

■ 135.2560, 59.0338,
12.0535

■ 255.0000, 0.0000,
0.0000

■ 108.3050, 58.0236,
9.3795

■ 184.0080, 34.9991,
21.0410

■ 81.3540, 57.0135,
6.7055

■ 208.8270, 22.7633,
25.5847

■ 53.9190, 56.7349,
2.7020

■ 230.3460, 12.1544,
21.6216

■ 20.0530, 60.1199,
-9.6935

■ 247.3690, 3.7621,
6.6924

■ 13.2240, 50.6686,
-11.5974

■ 10.2600, 39.3118,
-8.9980

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 135.2560, 59.0338,
12.0535

■ 135.2560, 59.0338,
12.0535

■ 115.1990, 68.9219,
13.8575

■ 155.9000, 48.8563,
9.7347

■ 94.5550, 79.0994,
16.1763

■ 175.9570, 38.9682,
7.9307

■ 73.9110, 89.2769,
18.4951

■ 196.0140, 29.0801,
6.1267

■ 53.8540, 99.1650,
20.2990

■ 216.6580, 18.9026,
3.8079

■ 51.4950, 100.3280,
20.6139

■ 237.3020, 8.7251,
1.4891

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.



110.6630, 71.1581, -97.0515



135.2560, 59.0338, 12.0535



123.8830, 35.0607, 94.8186

Triad

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



135.2560, 59.0338, 12.0535



125.0010, -61.6255, 72.7901



113.7270, 16.8966, -99.7386

Complementary

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



135.2560, 59.0338, 12.0535



224.7440, -59.0338, -12.0535

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.



102.3730, -16.4529, -89.7811



135.2560, 59.0338, 12.0535



124.0840, -61.1734, 20.9743

Square

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



135.2560, 59.0338, 12.0535



116.4310, -33.2435, 116.2630



108.9470, -53.7109, -39.4185



121.4620, 49.0722, -106.5222

Rectangle

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



135.2560, 59.0338, 12.0535



99.9330, 22.7110, 135.9938



108.9470, -53.7109, -39.4185



110.1760, 5.8292, -96.6244

Sweetspot

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



135.2560, 59.0338, 12.0535



218.4300, 18.0290, 4.0079



184.9090, 34.5549, -70.0802



104.9970, 11.3405, 2.6336



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.



135.2560, 59.0338, 12.0535



110.4810, 71.2479, 14.4872



157.0830, 48.2731, 56.9322



117.3790, 5.2362, 0.5446



38.5180, 75.1736, 15.3317



12.9770, 25.1543, 5.2822

Inverse Universe

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



161.9340, 24.1895, 81.6189



142.7110, 29.2295, 98.4775



202.9170, -48.2731, -56.9322



119.9130, 2.0149, 7.0923



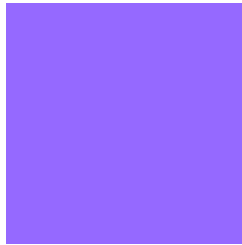
72.4990, 30.8130, 103.9254



24.2660, 10.2219, 34.8467

Previews

White Background



This preview shows how the YUV color 135.2560, 59.0338, 12.0535 looks on a white background.

Color Contrast Check

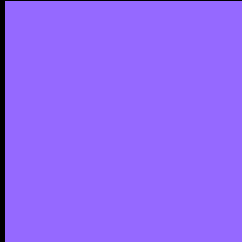
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.2560, 59.0338, 12.0535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

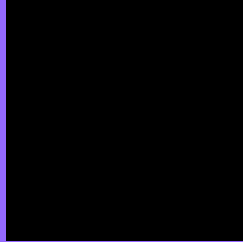
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.2560, 59.0338, 12.0535

Background



This preview shows how black text looks on a background with the YUV color 135.2560, 59.0338, 12.0535.



This preview shows how white text looks on a background with the YUV color 135.2560, 59.0338,

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

135.2560, 59.0338, 12.0535

Protanopia

123.0320, 65.0602, -54.4021

Deuteranopia

107.1920, 65.4743, -94.0074



Tritanopia

132.6660, 6.5737, -8.4771

Trichromacy



Original Color

135.2560, 59.0338, 12.0535



Protanomaly

127.3170, 62.9477, -30.0960



Deuteranomaly

117.4510, 62.8817, -55.6465



Tritanomaly

133.4600, 25.9022, -1.2804

Monochromacy



Original Color

135.2560, 59.0338, 12.0535



Achromatopsia

135.0000, 0.0000, 0.0000



Achromatomaly

135.0540, 21.6654, 4.3376

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.2560, 59.0338, 12.0535 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(149, 105, 255)` looks like.

```
.text, #text, p{  
    color:rgb(149, 105, 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(149, 105, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 105, 255) }
```

Border

The CSS property to change the border of an element to YUV 135.2560, 59.0338, 12.0535 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(149, 105, 255) }
```


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

```
.border{ border-color:rgb(149, 105, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 105, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 105, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 105, 255);  
box-shadow:4px 4px 4px 4px rgb(149, 105,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 135.2560, 59.0338, 12.0535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 105, 255) }
```

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

```
.background{ background-color: rgb(149,  
105, 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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