

Converting Colors

YUV(135.1680, 59.0772,
-1.9013)

Have a look what the booklet for
YUV(135.1680, 59.0772, -1.9013)
contains.

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Color

**YUV(135.1680, 59.0772,
-1.9013)**

Conversions

Conversions Part 1

Format	Color
Hex	8571FF
RGB	133, 113, 255
RGB Percent	52%, 44%, 100%
CMY	0.4784, 0.5569, 0.0000
CMYK	0.48, 0.56, 0.00, 0.00
HSL	248°, 100%, 72%
HSV	248°, 56%, 100%
XYZ	33.6280, 24.0168, 97.4711
YIQ	135.1680, -33.6620, 48.4020

Conversions

Conversions Part 2

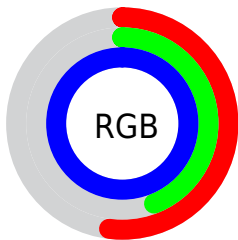
Format	Color
RYB	133, 113, 255
Decimal	8745471
CIELab	56.10, 42.84, -68.44
CIElCh	56, 80.739, 302.047
Yxy	24.0168, 0.2168, 0.1548
Android (android.graphics.Color)	4286935551 (0xFF8571FF)
YUV	135.1680, 59.0772, -1.9013
Hunter-Lab	49.0069, 36.7225, -83.6184

Details

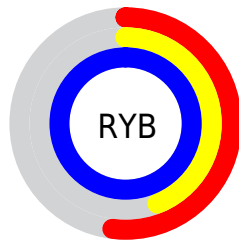
The YUV color **135.1680, 59.0772, -1.9013** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **232.8320, -59.0772, 1.9013**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.6320, 35.1844, 8.2157**, and **81.2550, 57.0623, -8.9936** is the 20% darker color. If you saturate the color by 10%, you get **113.9150, 69.5549, -2.5565**, and if you desaturate by 10%, it is **157.0080, 48.3101, -1.7610**.

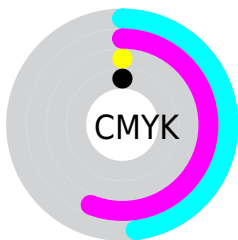
Distribution



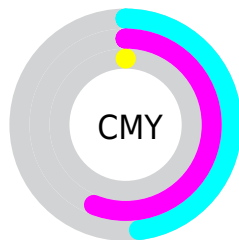
- Red (52%)
- Green (44%)
- Blue (100%)



- Red (52%)
- Yellow (44%)
- Blue (100%)



- Cyan (48%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.1680, 59.0772, -1.9013 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 135.1680, 59.0772, -1.9013 by changing the saturation by 10% instead.

■ 135.1680, 59.0772,
-1.9013

■ 135.1680, 59.0772,
-1.9013

255.0000, 0.0000,
0.0000

■ 108.2170, 58.0670,
-4.5753

■ 183.6320, 35.1844,
8.2157

■ 81.2550, 57.0623,
-8.9936

■ 209.0380, 22.6593,
12.2447

■ 52.9010, 57.2368,
-18.3302

■ 234.4440, 10.1341,
16.2736

■ 27.3410, 56.5269,
-23.9781

■ 252.0650, 1.4470,
2.5740

■ 13.2240, 50.6686,
-11.5974

■ 10.2600, 39.3118,
-8.9980

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 135.1680, 59.0772,
-1.9013

■ 135.1680, 59.0772,
-1.9013

■ 113.9150, 69.5549,
-2.5565

■ 157.0080, 48.3101,
-1.7610

■ 92.0750, 80.3220,
-2.6968

■ 178.2610, 37.8323,
-1.1059

■ 70.2350, 91.0891,
-2.8371

■ 200.1010, 27.0652,
-0.9656

■ 48.9820, 101.5669,
-3.4922

■ 221.3540, 16.5875,
-0.3105

■ 39.8340, 106.0768,
-3.3624

■ 243.1940, 5.8204,
-0.1701

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.



112.4240, 70.2900, -98.5958



135.1680, 59.0772, -1.9013



130.4850, 35.2569, 78.5047

Triad

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



135.1680, 59.0772, -1.9013



124.7350, -61.4944, 77.4084



112.0000, 12.8180, -98.2240

Complementary

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



135.1680, 59.0772, -1.9013



232.8320, -59.0772, 1.9013

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.



101.1020, -18.7843, -88.6665



135.1680, 59.0772, -1.9013



125.6120, -61.9267, 29.2813

Square

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



135.1680, 59.0772, -1.9013



119.0160, -27.1229, 113.1190



114.3510, -56.3750, -24.8638



119.9800, 43.3939, -105.2225

Rectangle

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



135.1680, 59.0772, -1.9013



117.4650, 18.9978, 113.6022



114.3510, -56.3750, -24.8638



108.5630, 2.1874, -95.2098

Sweetspot

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



135.1680, 59.0772, -1.9013



218.6960, 17.8979, -0.6104



201.3890, 26.4302, -77.5172



106.1600, 10.7671, -0.1403



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.



135.1680, 59.0772, -1.9013



110.6700, 71.1547, -2.3416



156.0980, 48.7587, 41.1331



117.0800, 5.3836, -0.0702



29.8470, 79.4484, -2.4968



9.9870, 26.6284, -0.8656

Inverse Universe

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



169.3660, 32.3576, 75.1010



151.8870, 39.0027, 90.4301



211.9020, -48.7587, -41.1331



120.1410, 2.8885, 6.8923



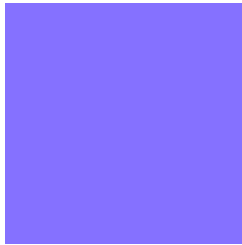
75.8050, 43.4801, 101.0260



25.4060, 14.5898, 33.8469

Previews

White Background



This preview shows how the YUV color 135.1680, 59.0772, -1.9013 looks on a white background.

Color Contrast Check

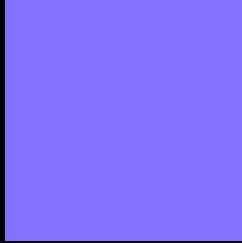
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.1680, 59.0772, -1.9013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

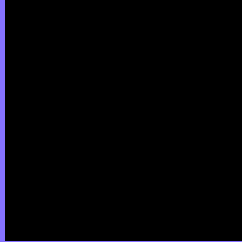
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.1680, 59.0772, -1.9013

Background



This preview shows how black text looks on a background with the YUV color 135.1680, 59.0772, -1.9013.



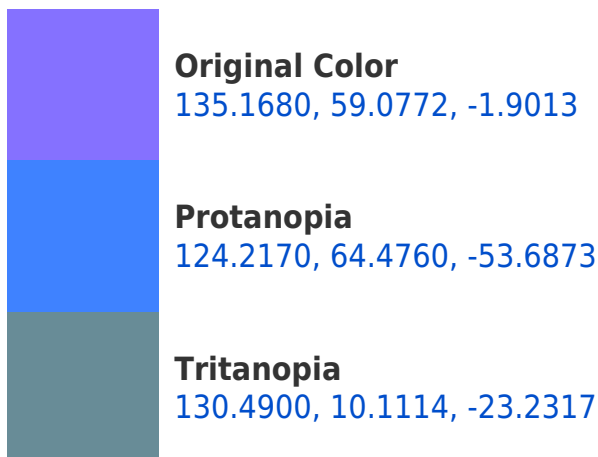
This preview shows how white text looks on a background with the YUV color 135.1680, 59.0772, -1.9013.

-1.9013.

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



Trichromacy



Original Color

135.1680, 59.0772, -1.9013

Protanomaly

128.1700, 62.5272, -35.2291

Tritanomaly

132.2410, 27.9822, -15.1204

Monochromacy



Original Color

135.1680, 59.0772, -1.9013

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.0210, 21.6816, -0.8954

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.1680, 59.0772, -1.9013 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(133, 113, 255)` looks like.

```
.text, #text, p{  
    color:rgb(133, 113, 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(133, 113, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 113, 255) }
```

Border

The CSS property to change the border of an element to YUV 135.1680, 59.0772, -1.9013 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(133, 113, 255) }
```

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

```
.border{ border-color:rgb(133, 113, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 113, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 113, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 113, 255);  
box-shadow:4px 4px 4px 4px rgb(133, 113,  
255) }
```


Background

The CSS property to change the background color of an element to YUV 135.1680, 59.0772, -1.9013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 113, 255) }
```

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

```
.background{ background-color: rgb(133,  
113, 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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