

Converting Colors

YUV(59.9260, 93.2135, 15.8509)

Have a look what the booklet for
YUV(59.9260, 93.2135, 15.8509)
contains.

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Color

**YUV(59.9260, 93.2135,
15.8509)**

Conversions

Conversions Part 1

Format	Color
Hex	4E0EF9
RGB	78, 14, 249
RGB Percent	31%, 5%, 98%
CMY	0.6941, 0.9451, 0.0235
CMYK	0.69, 0.94, 0.00, 0.02
HSL	256°, 95%, 52%
HSV	256°, 94%, 98%
XYZ	20.3978, 8.7733, 90.2409
YIQ	59.9260, -37.2910, 86.6530

Conversions

Conversions Part 2

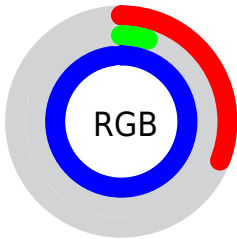
Format	Color
R _Y B	78, 14, 249
Decimal	5115641
CIE Lab	35.54, 77.18, -99.00
CIE LCh	36, 125.527, 307.942
Yxy	8.7733, 0.1708, 0.0735
Android (android.graphics.Color)	4283305721 (0xFF4E0EF9)
YUV	59.9260, 93.2135, 15.8509
Hunter-Lab	29.6198, 71.0901, -159.9014

Details

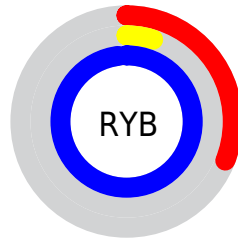
The YUV color **59.9260, 93.2135, 15.8509** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **203.0740, -93.2135, -15.8509**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.8800, 66.1212, 25.5382**, and **21.7740, 83.4284, -19.0958** is the 20% darker color. If you saturate the color by 10%, you get **48.7180, 98.7390, 16.9103**, and if you desaturate by 10%, it is **79.9830, 83.3254, 14.0469**.

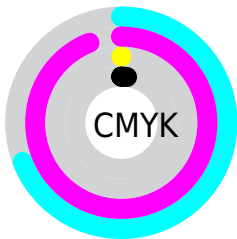
Distribution



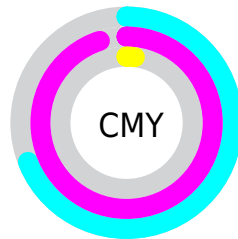
- Red (31%)
- Green (5%)
- Blue (98%)



- Red (31%)
- Yellow (5%)
- Blue (98%)



- Cyan (69%)
- Magenta (94%)
- Yellow (0%)
- Black (2%)



- Cyan (69%)
- Magenta (95%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.9260, 93.2135, 15.8509 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 59.9260, 93.2135, 15.8509 by changing the saturation by 10% instead.

■ 59.9260, 93.2135,
15.8509

■ 59.9260, 93.2135,
15.8509

■ 255.0000, 0.0000,
0.0000

■ 31.0600, 93.1474,
-9.6996

■ 120.8800, 66.1212,
25.5382

■ 21.7740, 83.4284,
-19.0958

■ 147.1830, 53.1538,
31.4115

■ 18.5820, 71.1981,
-16.2964

■ 172.6000, 40.6232,
37.1848

■ 15.3900, 58.9677,
-13.4970

■ 199.4900, 27.3664,
42.5433

■ 17.0080, 44.8591,
-14.9160

■ 218.0190, 18.2316,
32.4323

■ 15.9190, 33.0709,
-13.9610

■ 235.0420, 9.8393,

■ 10.2480, 24.0347,

17.5032

-8.9875

252.6520, 1.1576,
2.0592

5.2780, 15.1459,
-4.6288

1.3680, 5.2416,
-1.1997

59.9260, 93.2135,
15.8509

59.9260, 93.2135,
15.8509

48.7180, 98.7390,
16.9103

79.9830, 83.3254,
14.0469

100.0400, 73.4373,
12.2429

120.0970, 63.5492,
10.4389

140.1540, 53.6611,
8.6349

■ 160.5100, 43.6256,
7.4457

■ 179.9800, 34.0269,
6.1565

■ 200.0370, 24.1388,
4.3526

■ 220.0940, 14.2507,
2.5486

■ 240.1510, 4.3626,
0.7446

Harmonies

Analogous

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



85.4220, 83.6020, -74.9151



59.9260, 93.2135, 15.8509



81.5570, 39.6584, 113.5215

Triad

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



59.9260, 93.2135, 15.8509



70.4340, -34.7240, 77.6724



78.8710, 15.3466, -69.1699

Complementary

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



59.9260, 93.2135, 15.8509



203.0740, -93.2135, -15.8509

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.



64.5700, -31.8330, -56.6279



59.9260, 93.2135, 15.8509



76.1520, -37.5429, 1.6207

Square

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



59.9260, 93.2135, 15.8509



64.2850, -31.6925, 132.1771



61.6350, -30.3861, -54.0539



92.6190, 57.8688, -81.2269

Rectangle

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



59.9260, 93.2135, 15.8509



81.8070, 6.9971, 136.1043



61.6350, -30.3861, -54.0539



74.1800, -0.0887, -65.0559

Sweetspot

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



59.9260, 93.2135, 15.8509



197.7750, 28.2119, 4.5823



141.7540, 52.8723, -112.0403



92.6040, 17.4502, 2.9783



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.



59.9260, 93.2135, 15.8509



49.7010, 101.2124, 16.9252



94.6100, 76.1143, 87.1650



114.6780, 5.0887, 1.1594



36.7950, 75.0371, 12.4578



12.0370, 24.1388, 4.3526

Inverse Universe

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



103.7590, 40.0518, 127.3764



97.4490, 43.6556, 138.1722



168.3900, -76.1143, -87.1650



117.0270, 2.4517, 6.9923



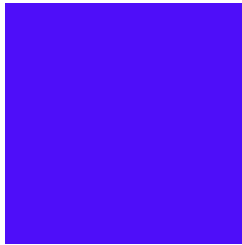
72.1290, 31.9814, 102.4959



23.3690, 10.6641, 33.0024

Previews

White Background



This preview shows how the YUV color 59.9260, 93.2135, 15.8509 looks on a white background.

Color Contrast Check

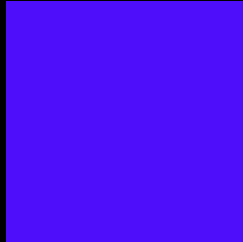
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 59.9260, 93.2135, 15.8509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 59.9260, 93.2135, 15.8509

Background



This preview shows how black text looks on a background with the YUV color 59.9260, 93.2135, 15.8509.



This preview shows how white text looks on a background with the YUV color 59.9260, 93.2135,

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

59.9260, 93.2135, 15.8509

Protanopia

66.8130, 50.3782, -58.5950

Deuteranopia

66.8980, 38.0113, -58.6695



Tritanopia

65.8770, 16.3296, -57.7741

Trichromacy



Original Color

59.9260, 93.2135, 15.8509

Protanomaly

64.4030, 65.8633, -31.9254

Deuteranomaly

64.3400, 58.0064, -31.8702

Tritanomaly

63.4960, 44.6185, -31.1300

Monochromacy



Original Color

59.9260, 93.2135, 15.8509

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.9800, 34.0269, 6.1565

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.9260, 93.2135, 15.8509 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(78, 14, 249)` looks like.

```
.text, #text, p{  
    color:rgb(78, 14, 249)  
}
```

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(78, 14, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 14, 249) }
```

Border

The CSS property to change the border of an element to YUV 59.9260, 93.2135, 15.8509 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(78, 14, 249) }
```


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

```
.border{ border-color:rgb(78, 14, 249) }
```

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

Here you see how a box with a 4 pixel rgb(78, 14, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 14, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 14, 249);  
box-shadow:4px 4px 4px 4px rgb(78, 14,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 59.9260, 93.2135, 15.8509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 14, 249) }
```

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

```
.background{ background-color: rgb(78, 14,  
249) }
```

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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