

Converting Colors

YUV(133.3960, 59.9508,
-2.1013)

Have a look what the booklet for
YUV(133.3960, 59.9508, -2.1013)
contains.

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Color

**YUV(133.3960, 59.9508,
-2.1013)**

Conversions

Conversions Part 1

Format	Color
Hex	836FFF
RGB	131, 111, 255
RGB Percent	51%, 44%, 100%
CMY	0.4863, 0.5647, 0.0000
CMYK	0.49, 0.56, 0.00, 0.00
HSL	248°, 100%, 72%
HSV	248°, 56%, 100%
XYZ	33.0945, 23.4142, 97.3829
YIQ	133.3960, -34.3040, 49.0240

Conversions

Conversions Part 2

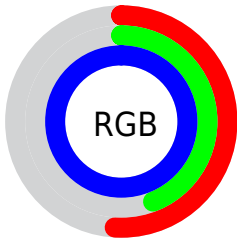
Format	Color
R _Y B	131, 111, 255
Decimal	8613887
CIE Lab	55.50, 43.58, -69.43
CIE LCh	55, 81.972, 302.119
Yxy	23.4142, 0.2151, 0.1521
Android (android.graphics.Color)	4286803967 (0xFF836FFF)
YUV	133.3960, 59.9508, -2.1013
Hunter-Lab	48.3882, 37.4035, -85.4514

Details

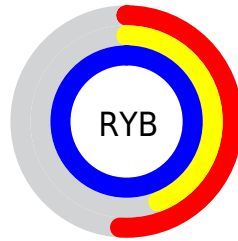
The YUV color **133.3960, 59.9508, -2.1013** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **232.6040, -59.9508, 2.1013**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.8600, 36.0580, 8.0158**, and **79.1840, 58.0833, -9.8084** is the 20% darker color. If you saturate the color by 10%, you get **112.1430, 70.4285, -2.7564**, and if you desaturate by 10%, it is **155.2360, 49.1837, -1.9610**.

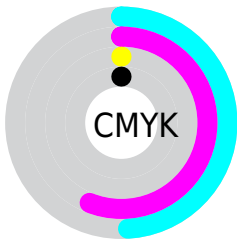
Distribution



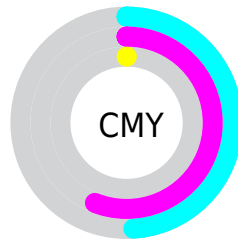
- Red (51%)
- Green (44%)
- Blue (100%)



- Red (51%)
- Yellow (44%)
- Blue (100%)



- Cyan (49%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.3960, 59.9508, -2.1013 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 133.3960, 59.9508, -2.1013 by changing the saturation by 10% instead.

■ 133.3960, 59.9508,
-2.1013

■ 133.3960, 59.9508,
-2.1013

255.0000, 0.0000,
0.0000

■ 106.4450, 58.9406,
-4.7753

■ 181.8600, 36.0580,
8.0158

■ 79.1840, 58.0833,
-9.8084

■ 207.2660, 23.5329,
12.0447

■ 50.2320, 58.5526,
-20.3745

■ 232.6720, 11.0077,
16.0737

■ 26.1670, 57.1057,
-22.9485

■ 250.3040, 2.3151,
4.1184

■ 13.2240, 50.6686,
-11.5974

■ 10.2600, 39.3118,
-8.9980

■ 11.6330, 26.8029,

-10.2021

■ 6.5490, 17.4773,
-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 133.3960, 59.9508,
-2.1013

■ 133.3960, 59.9508,
-2.1013

■ 112.1430, 70.4285,
-2.7564

■ 155.2360, 49.1837,
-1.9610

■ 90.3030, 81.1956,
-2.8967

■ 176.4890, 38.7059,
-1.3059

■ 68.4630, 91.9627,
-3.0371

■ 198.3290, 27.9388,
-1.1655

■ 47.2100, 102.4405,
-3.6922

■ 219.5820, 17.4611,
-0.5104

■ 39.5350, 106.2242,
-3.9772

■ 241.4220, 6.6940,
-0.3701

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.



111.8370, 70.5794, -98.0810



133.3960, 59.9508, -2.1013



128.0230, 35.9777, 80.6638

Triad

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



133.3960, 59.9508, -2.1013



123.2620, -60.7682, 77.8232



111.1850, 12.2338, -97.5092

Complementary

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



133.3960, 59.9508, -2.1013



232.6040, -59.9508, 2.1013

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.



100.2870, -19.3685, -87.9517



133.3960, 59.9508, -2.1013



124.4270, -61.3425, 28.5665

Square

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



133.3960, 59.9508, -2.1013



116.1410, -26.6915, 114.7633



112.8670, -55.6434, -26.1934



119.2790, 43.2465, -104.6077

Rectangle

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



133.3960, 59.9508, -2.1013



112.6550, 20.8761, 117.8206



112.8670, -55.6434, -26.1934



107.7480, 1.6032, -94.4950

Sweetspot

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



133.3960, 59.9508, -2.1013



218.6960, 17.8979, -0.6104



200.7910, 26.7250, -78.7467



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.



133.3960, 59.9508, -2.1013



108.8980, 72.0283, -2.5415



154.6250, 49.4849, 41.5479



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.



168.1920, 32.9363, 76.1306



150.7130, 39.5815, 91.4597



211.3750, -49.4849, -41.5479



120.1410, 2.8885, 6.8923



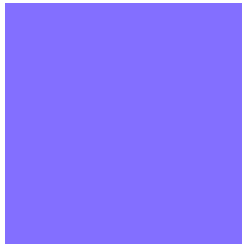
75.9190, 43.9169, 100.9260



25.4060, 14.5898, 33.8469

Previews

White Background



This preview shows how the YUV color 133.3960, 59.9508, -2.1013 looks on a white background.

Color Contrast Check

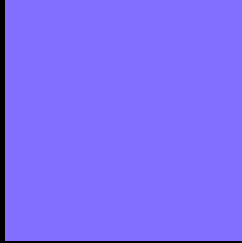
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.3960, 59.9508, -2.1013 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 133.3960, 59.9508, -2.1013

Background



This preview shows how black text looks on a background with the YUV color 133.3960, 59.9508, -2.1013.



This preview shows how white text looks on a background with the YUV color 133.3960, 59.9508, -2.1013.

-2.1013.

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

133.3960, 59.9508, -2.1013

Protanopia

121.5480, 65.7918, -55.7316

Deuteranopia

106.2630, 64.4533, -93.1927



Tritanopia

128.8920, 10.4062, -24.4613

Trichromacy



Original Color

133.3960, 59.9508, -2.1013

Protanomaly

126.0990, 63.5482, -36.0438

Deuteranomaly

116.1300, 63.0399, -59.7500

Tritanomaly

130.6430, 28.2770, -16.3499

Monochromacy



Original Color

133.3960, 59.9508, -2.1013

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.0210, 21.6816, -0.8954

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.3960, 59.9508, -2.1013 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(131, 111, 255)` looks like.

```
.text, #text, p{  
    color:rgb(131, 111, 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(131, 111, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 111, 255) }
```

Border

The CSS property to change the border of an element to YUV 133.3960, 59.9508, -2.1013 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(131, 111, 255) }
```


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

```
.border{ border-color:rgb(131, 111, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 111, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 111, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 111, 255);  
box-shadow:4px 4px 4px 4px rgb(131, 111,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 133.3960, 59.9508, -2.1013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 111, 255) }
```

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

```
.background{ background-color: rgb(131,  
111, 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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