

Converting Colors

YUV(134.8030, 59.2571,
-12.9822)

Have a look what the booklet for
YUV(134.8030, 59.2571, -12.9822)
contains.

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Color

**YUV(134.8030, 59.2571,
-12.9822)**

Conversions

Conversions Part 1

Format	Color
Hex	7877FF
RGB	120, 119, 255
RGB Percent	47%, 47%, 100%
CMY	0.5294, 0.5333, 0.0000
CMYK	0.53, 0.53, 0.00, 0.00
HSL	240°, 100%, 73%
HSV	240°, 53%, 100%
XYZ	32.3926, 24.4067, 97.6114
YIQ	134.8030, -43.0600, 42.5080

Conversions

Conversions Part 2

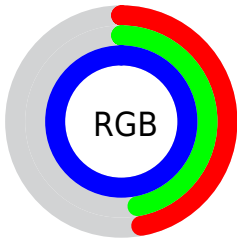
Format	Color
RYB	120, 119, 255
Decimal	7895039
CIELab	56.49, 36.78, -67.86
CIElCh	56, 77.187, 298.460
Yxy	24.4067, 0.2098, 0.1581
Android (android.graphics.Color)	4286085119 (0xFF7877FF)
YUV	134.8030, 59.2571, -12.9822
Hunter-Lab	49.4032, 30.5830, -82.5638

Details

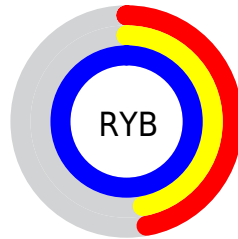
The YUV color **134.8030, 59.2571, -12.9822** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **239.1970, -59.2571, 12.9822**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.2670, 35.3644, -2.8652**, and **80.2810, 57.5425, -23.0484** is the 20% darker color. If you saturate the color by 10%, you get **112.6530, 70.1771, -15.4817**, and if you desaturate by 10%, it is **157.5400, 48.0478, -10.9976**.

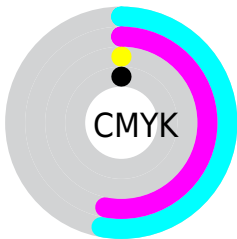
Distribution



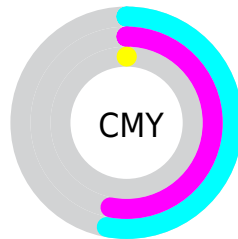
- Red (47%)
- Green (47%)
- Blue (100%)



- Red (47%)
- Yellow (47%)
- Blue (100%)



- Cyan (53%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.8030, 59.2571, -12.9822 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 134.8030, 59.2571, -12.9822 by changing the saturation by 10% instead.

■ 134.8030, 59.2571,
-12.9822

■ 134.8030, 59.2571,
-12.9822

255.0000, 0.0000,
0.0000

■ 107.5530, 58.3944,
-16.2710

■ 183.2670, 35.3644,
-2.8652

■ 80.2810, 57.5425,
-23.0484

■ 208.6730, 22.8392,
1.1638

■ 47.4420, 59.9281,
-41.6066

■ 234.3780, 10.1666,
5.8075

■ 32.0370, 54.2118,
-28.0964

■ 18.5070, 48.0640,
-16.2306

■ 10.2600, 39.3118,
-8.9980

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 134.8030, 59.2571,
-12.9822

■ 134.8030, 59.2571,
-12.9822

■ 112.6530, 70.1771,
-15.4817

■ 157.5400, 48.0478,
-10.9976

■ 89.6170, 81.5338,
-18.0811

■ 179.9890, 36.9804,
-7.8834

■ 66.8800, 92.7432,
-20.0658

■ 202.1390, 26.0605,
-5.3839

■ 44.7300, 103.6631,
-22.5652

■ 224.8760, 14.8511,
-3.3993

■ 29.6680, 111.0887,
-24.2648

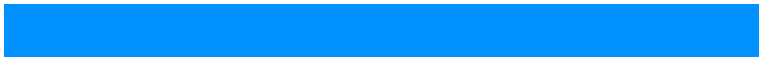
■ 247.9120, 3.4944,
-0.7998

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.



114.1850, 69.4218, -100.1402



134.8030, 59.2571, -12.9822



134.8210, 35.5842, 66.8090

Triad

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



134.8030, 59.2571, -12.9822



125.3440, -61.7946, 80.3823



111.0880, 9.3236, -97.4242

Complementary

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



134.8030, 59.2571, -12.9822



239.1970, -59.2571, 12.9822

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.



100.6460, -20.5315, -88.2665



134.8030, 59.2571, -12.9822



127.4170, -62.8166, 34.7143

Square

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



134.8030, 59.2571, -12.9822



121.8460, -22.6021, 109.7601



117.9500, -58.1493, -15.7421



119.4270, 38.7365, -104.7375

Rectangle

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



134.8030, 59.2571, -12.9822



124.8010, 19.3251, 101.9065



117.9500, -58.1493, -15.7421



107.7650, -0.8701, -94.5099

Sweetspot

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



134.8030, 59.2571, -12.9822



218.9730, 17.7613, -3.4843



214.3360, 20.0474, -83.6097



105.8500, 10.9200, -2.4994



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.



134.8030, 59.2571, -12.9822



110.8810, 71.0507, -15.6816



154.8360, 49.3809, 28.2078



116.4820, 5.6784, -1.2997



22.0730, 83.2810, -18.4810



7.2960, 27.9551, -6.3986

Inverse Universe

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



175.0540, 38.9204, 70.1126



159.2050, 46.7339, 84.0122



219.1640, -49.3809, -28.2078



120.2550, 3.3253, 6.7924



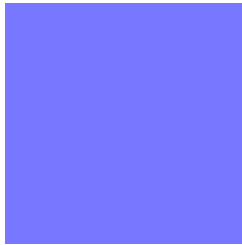
78.7690, 54.8369, 98.4266



26.3180, 18.0842, 33.0471

Previews

White Background



This preview shows how the YUV color 134.8030, 59.2571, -12.9822 looks on a white background.

Color Contrast Check

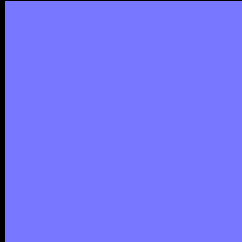
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.8030, 59.2571, -12.9822 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 134.8030, 59.2571, -12.9822

Background



This preview shows how black text looks on a background with the YUV color 134.8030, 59.2571, -12.9822.



This preview shows how white text looks on a background with the YUV color 134.8030, 59.2571, -12.9822.

-12.9822.

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

134.8030, 59.2571, -12.9822

Protanopia

125.7010, 63.7444, -52.3578

Deuteranopia

108.5940, 65.7692, -95.2369



Tritanopia

128.3250, 13.6438, -36.2420

Trichromacy



Original Color

134.8030, 59.2571, -12.9822

Protanomaly

129.3330, 61.9538, -38.0030

Deuteranomaly

118.2110, 63.4930, -65.0830

Tritanomaly

130.7340, 30.2041, -27.8307

Monochromacy



Original Color

134.8030, 59.2571, -12.9822

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.9990, 21.6925, -4.3841

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.8030, 59.2571, -12.9822 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(120, 119, 255)` looks like.

```
.text, #text, p{  
    color:rgb(120, 119, 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(120, 119, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 119, 255) }
```

Border

The CSS property to change the border of an element to YUV 134.8030, 59.2571, -12.9822 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(120, 119, 255) }
```


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

```
.border{ border-color:rgb(120, 119, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 119, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 119, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 119, 255);  
box-shadow:4px 4px 4px 4px rgb(120, 119,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 134.8030, 59.2571, -12.9822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 119, 255) }
```

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

```
.background{ background-color: rgb(120,  
119, 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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