

Converting Colors

YUV(148.9310, 48.3480,
-13.9715)

Have a look what the booklet for
YUV(148.9310, 48.3480, -13.9715)
contains.

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Color

**YUV(148.9310, 48.3480,
-13.9715)**

Conversions

Conversions Part 1

Format	Color
Hex	858AF7
RGB	133, 138, 247
RGB Percent	52%, 54%, 97%
CMY	0.4784, 0.4588, 0.0314
CMYK	0.46, 0.44, 0.00, 0.03
HSL	237°, 88%, 75%
HSV	237°, 46%, 97%
XYZ	35.5498, 29.8789, 91.8892
YIQ	148.9310, -37.9690, 32.8390

Conversions

Conversions Part 2

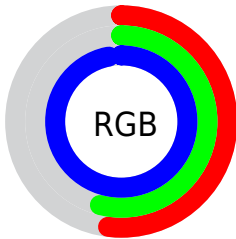
Format	Color
R _Y B	133, 138, 247
Decimal	8751863
CIE Lab	61.55, 25.98, -55.30
CIE LCh	62, 61.096, 295.169
Yxy	29.8789, 0.2260, 0.1899
Android (android.graphics.Color)	4286941943 (0xFF858AF7)
YUV	148.9310, 48.3480, -13.9715
Hunter-Lab	54.6616, 20.4319, -61.4067

Details

The YUV color **148.9310, 48.3480, -13.9715** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **231.0690, -48.3480, 13.9715**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.2960, 27.9551, -6.3986**, and **95.4420, 46.6171, -18.8046** is the 20% darker color. If you saturate the color by 10%, you get **127.3680, 58.9786, -16.9857**, and if you desaturate by 10%, it is **170.4940, 37.7175, -10.9572**.

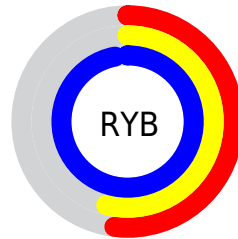
Distribution



Red (52%)

Green (54%)

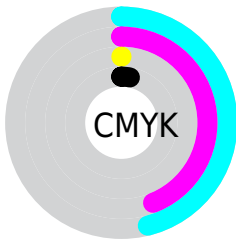
Blue (97%)



Red (52%)

Yellow (54%)

Blue (97%)

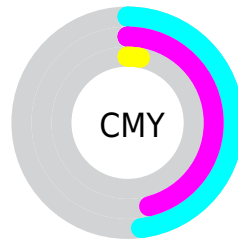


Cyan (46%)

Magenta (44%)

Yellow (0%)

Black (3%)



Cyan (48%)

Magenta (46%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.9310, 48.3480, -13.9715 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 148.9310, 48.3480, -13.9715 by changing the saturation by 10% instead.

■ 148.9310, 48.3480,
-13.9715

■ 148.9310, 48.3480,
-13.9715

■ 255.0000, 0.0000,
0.0000

■ 122.2790, 47.1905,
-16.0307

■ 198.2960, 27.9551,
-6.3986

■ 95.4420, 46.6171,
-18.8046

■ 223.7020, 15.4299,
-2.3697

■ 68.8820, 45.9072,
-24.4525

■ 249.3960, 2.7628,
0.5297

■ 40.7450, 46.9607,
-35.7334

■ 26.6280, 41.1024,
-23.3528

■ 9.6900, 37.1278,
-8.4981

■ 10.3620, 24.4715,

-9.0875

■ 5.5060, 16.0195,
-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 148.9310, 48.3480,
-13.9715

■ 148.9310, 48.3480,
-13.9715

■ 127.3680, 58.9786,
-16.9857

■ 170.4940, 37.7175,
-10.9572

■ 106.6910, 69.1723,
-19.9000

■ 191.1710, 27.5237,
-8.0430

■ 85.1280, 79.8029,
-22.9143

■ 212.7340, 16.8931,
-5.0287

■ 64.1520, 90.1441,
-26.4433

■ 233.7100, 6.5520,
-1.4997

■ 42.5890, 100.7746,
-29.4576

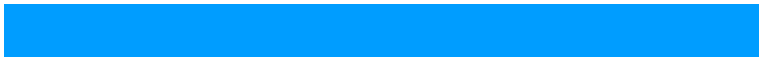
■ 254.0880, -3.4944,
0.7998

■ 34.6150, 104.7058,
-30.3574

Harmonies

Analogous

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



121.2290, 65.9491, -106.3178



148.9310, 48.3480, -13.9715



152.5660, 28.8080, 46.8616

Triad

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



148.9310, 48.3480, -13.9715



145.0170, -42.4064, 68.3911



117.8700, 9.9241, -103.3720

Complementary

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



148.9310, 48.3480, -13.9715



231.0690, -48.3480, 13.9715

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.



125.7080, -21.0550, -60.2569



148.9310, 48.3480, -13.9715



142.0350, -56.7123, 36.8033

Square

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



148.9310, 48.3480, -13.9715



145.2130, -19.3320, 87.5132



137.3610, -47.9990, -4.7016



124.1400, 33.9480, -108.8708

Rectangle

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



148.9310, 48.3480, -13.9715



149.2460, 14.1757, 73.4523



137.3610, -47.9990, -4.7016



115.1170, 1.9143, -100.9576

Sweetspot

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



148.9310, 48.3480, -13.9715



224.2780, 15.1459, -4.6288



212.2300, 14.1836, -69.4847



109.0950, 9.3202, -2.7143



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.



148.9310, 48.3480, -13.9715



134.4820, 59.4154, -17.0857



161.2450, 42.2772, 19.9561



111.9550, 4.9522, -1.7145



25.9000, 78.9293, -22.7143



8.4870, 24.9029, -7.4431

Inverse Universe

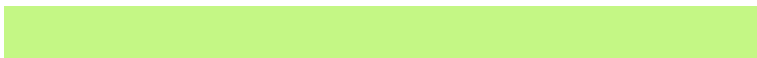
The Inverse Universe completely reimagines the original color for something new.



167.6560, -14.6204, 69.5847



157.5440, -18.0162, 85.4689



218.7550, -42.2772, -19.9561



113.7020, -1.3321, 7.2773



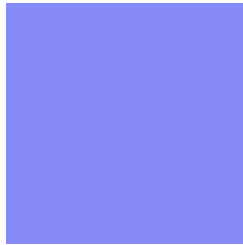
56.5260, -23.9233, 113.5487



17.9830, -7.3866, 35.9719

Previews

White Background



This preview shows how the YUV color 148.9310, 48.3480, -13.9715 looks on a white background.

Color Contrast Check

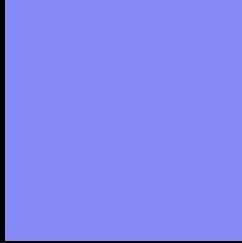
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.9310, 48.3480, -13.9715 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 148.9310, 48.3480, -13.9715

Background



This preview shows how black text looks on a background with the YUV color 148.9310, 48.3480, -13.9715.



This preview shows how white text looks on a background with the YUV color 148.9310, 48.3480, -13.9715.

-13.9715.

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

148.9310, 48.3480, -13.9715

Protanopia

144.1560, 53.6601, -37.8478

Deuteranopia

140.9930, 50.7825, -48.2289



Tritanopia

143.9130, 11.8749, -28.8647

Trichromacy



Original Color

148.9310, 48.3480, -13.9715

Protanomaly

145.7550, 51.8858, -28.7261

Deuteranomaly

143.8420, 49.8709, -35.8184

Tritanomaly

145.5020, 25.3885, -23.2423

Monochromacy



Original Color

148.9310, 48.3480, -13.9715

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.9620, 17.7667, -5.2287

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.9310, 48.3480, -13.9715 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, 138, 247)` looks like.

```
.text, #text, p{  
    color:rgb(133, 138, 247)  
}
```

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, 138, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 138, 247) }
```

Border

The CSS property to change the border of an element to YUV 148.9310, 48.3480, -13.9715 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, 138, 247) }
```


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

```
.border{ border-color:rgb(133, 138, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 138, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 138, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 138, 247);  
box-shadow:4px 4px 4px 4px rgb(133, 138,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 148.9310, 48.3480, -13.9715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 138, 247) }
```

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

```
.background{ background-color: rgb(133,  
138, 247) }
```

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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