

Converting Colors

YUV(179.4130, 33.8134,
-18.7792)

Have a look what the booklet for
YUV(179.4130, 33.8134, -18.7792)
contains.

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Color

**YUV(179.4130, 33.8134,
-18.7792)**

Conversions

Conversions Part 1

Format	Color
Hex	9EB1F8
RGB	158, 177, 248
RGB Percent	62%, 69%, 97%
CMY	0.3804, 0.3059, 0.0275
CMYK	0.36, 0.29, 0.00, 0.03
HSL	227°, 87%, 80%
HSV	227°, 36%, 97%
XYZ	46.7660, 45.4907, 95.1227
YIQ	179.4130, -34.1150, 18.0530

Conversions

Conversions Part 2

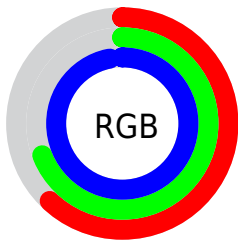
Format	Color
R _Y B	158, 174, 248
Decimal	10400248
CIE Lab	73.21, 10.19, -37.38
CIE LCh	73, 38.739, 285.247
Yxy	45.4907, 0.2496, 0.2428
Android (android.graphics.Color)	4288590328 (0xFF9EB1F8)
YUV	179.4130, 33.8134, -18.7792
Hunter-Lab	67.4468, 5.7357, -36.4061

Details

The YUV color $179.4130, 33.8134, -18.7792$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $226.5870, -33.8134, 18.7792$, and the grayscale version is $179.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $229.5390, 12.5523, -12.7507$, and $125.9460, 32.0716, -20.1236$ is the 20% darker color. If you saturate the color by 10%, you get $160.1980, 43.2864, -23.8526$, and if you desaturate by 10%, it is $198.6280, 24.3404, -13.7058$.

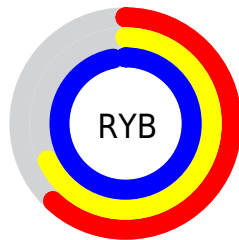
Distribution



Red (62%)

Green (69%)

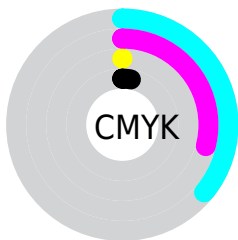
Blue (97%)



Red (62%)

Yellow (68%)

Blue (97%)

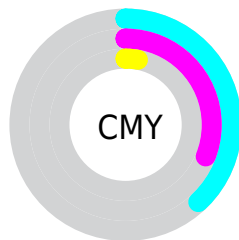


Cyan (36%)

Magenta (29%)

Yellow (0%)

Black (3%)



Cyan (38%)

Magenta (31%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.4130, 33.8134, -18.7792 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 179.4130, 33.8134, -18.7792 by changing the saturation by 10% instead.

■ 179.4130, 33.8134,
-18.7792

■ 179.4130, 33.8134,
-18.7792

255.0000, 0.0000,
0.0000

■ 151.8860, 33.0872,
-19.1940

■ 229.5390, 12.5523,
-12.7507

■ 125.9460, 32.0716,
-20.1236

■ 251.7110, 1.6215,
-6.7625

■ 100.1200, 31.4928,
-21.1532

■ 74.5820, 30.7721,
-23.3124

■ 48.3530, 31.3780,
-31.0046

■ 29.2890, 28.4515,
-25.6865

■ 13.0520, 24.6244,

-11.4466

■ 6.4350, 17.0405,
-5.6435

■ 2.6390, 7.5730,
-2.3144

■ 179.4130, 33.8134,
-18.7792

■ 179.4130, 33.8134,
-18.7792

■ 160.1980, 43.2864,
-23.8526

■ 198.6280, 24.3404,
-13.7058

■ 141.5700, 52.4700,
-29.4409

■ 217.2560, 15.1568,
-8.1175

■ 122.6540, 61.7956,
-33.8996

■ 236.1720, 5.8312,
-3.6588

■ 104.0260, 70.9792,
-39.4878

■ 254.2020, -3.0576,
0.6998

■ 84.8110, 80.4522,
-44.5612

■ 66.1830, 89.6358,
-50.1495

■ 58.7960, 93.2776,
-51.5641

Harmonies

Analogous

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



167.9300, 39.4745, -61.3286



179.4130, 33.8134, -18.7792



184.3810, 22.4902, 19.8369

Triad

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



179.4130, 33.8134, -18.7792



181.2120, -24.7545, 53.3111



164.4800, -1.7156, -56.5490

Complementary

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



179.4130, 33.8134, -18.7792



226.5870, -33.8134, 18.7792

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.



170.7650, -20.5901, -22.5959



179.4130, 33.8134, -18.7792



179.0990, -33.5728, 34.9932

Square

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



179.4130, 33.8134, -18.7792



182.8440, -9.7831, 58.0188



175.2760, -32.1811, 8.5279



154.2210, 21.0900, -91.4018

Rectangle

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



179.4130, 33.8134, -18.7792



184.8690, 12.3896, 39.5799



175.2760, -32.1811, 8.5279



166.7220, -8.7369, -44.4832

Sweetspot

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



179.4130, 33.8134, -18.7792



233.7140, 10.4940, -5.8882



218.9240, 4.9675, -53.4303



114.6990, 6.5574, -3.2440



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.



179.4130, 33.8134, -18.7792



169.2690, 42.2654, -23.0379



176.0340, 35.4792, 6.9862



115.2430, 4.8102, -2.8441



45.0260, 70.9792, -39.4878



14.5850, 22.8826, -12.7910

Inverse Universe

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



187.0760, -4.9675, 53.4303



179.1100, -6.4632, 66.5555



230.2650, -35.6266, -6.3714



116.2290, -0.6059, 7.6922



61.0710, -10.3880, 112.1937



19.7210, -3.3135, 36.2017

Previews

White Background



This preview shows how the YUV color 179.4130, 33.8134, -18.7792 looks on a white background.

Color Contrast Check

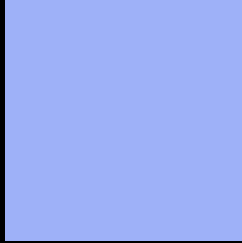
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 179.4130, 33.8134, -18.7792 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 ✓ Pass

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

YUV 179.4130, 33.8134, -18.7792

Background



This preview shows how black text looks on a background with the YUV color 179.4130, 33.8134, -18.7792.



This preview shows how white text looks on a background with the YUV color 179.4130, 33.8134, -18.7792.

-18.7792.

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

179.4130, 33.8134, -18.7792

Protanopia

179.4130, 33.8134, -18.7792

Deuteranopia

179.1140, 33.9608, -19.3940



Tritanopia

176.0490, 12.3008, -25.4760

Trichromacy



Original Color

179.4130, 33.8134, -18.7792

Protanomaly

179.4130, 33.8134, -18.7792

Deuteranomaly

179.1140, 33.9608, -19.3940

Tritanomaly

177.4220, 20.0050, -23.1721

Monochromacy



Original Color

179.4130, 33.8134, -18.7792

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

178.8710, 12.3886, -6.9029

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.4130, 33.8134, -18.7792 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(158, 177, 248)` looks like.

```
.text, #text, p{  
    color:rgb(158, 177, 248)  
}
```

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(158, 177, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 177, 248) }
```

Border

The CSS property to change the border of an element to YUV 179.4130, 33.8134, -18.7792 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(158, 177, 248) }
```


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

```
.border{ border-color:rgb(158, 177, 248) }
```

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

Here you see how a box with a 4 pixel rgb(158, 177, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 177, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 177, 248);  
box-shadow:4px 4px 4px 4px rgb(158, 177,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 179.4130, 33.8134, -18.7792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 177, 248) }
```

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

```
.background{ background-color: rgb(158,  
177, 248) }
```

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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