

Converting Colors

YUV(171.1850, 32.9398,
-18.5792)

Have a look what the booklet for
YUV(171.1850, 32.9398, -18.5792)
contains.

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Color

**YUV(171.1850, 32.9398,
-18.5792)**

Conversions

Conversions Part 1

Format	Color
Hex	96A9EE
RGB	150, 169, 238
RGB Percent	59%, 66%, 93%
CMY	0.4118, 0.3373, 0.0667
CMYK	0.37, 0.29, 0.00, 0.07
HSL	227°, 72%, 76%
HSV	227°, 37%, 93%
XYZ	42.1983, 41.0330, 86.5850
YIQ	171.1850, -33.4730, 17.4310

Conversions

Conversions Part 2

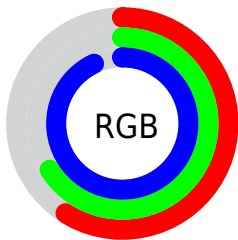
Format	Color
RYB	150, 166, 238
Decimal	9873902
CIELab	70.20, 9.89, -36.67
CIELCh	70, 37.983, 285.091
Yxy	41.0330, 0.2485, 0.2416
Android (android.graphics.Color)	4288063982 (0xFF96A9EE)
YUV	171.1850, 32.9398, -18.5792
Hunter-Lab	64.0570, 5.4891, -35.3016

Details

The YUV color **171.1850, 32.9398, -18.5792** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **216.8150, -32.9398, 18.5792**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1520, 16.1941, -14.1653**, and **117.8320, 31.6348, -20.0237** is the 20% darker color. If you saturate the color by 10%, you get **152.8560, 41.9760, -23.5527**, and if you desaturate by 10%, it is **189.5140, 23.9036, -13.6058**.

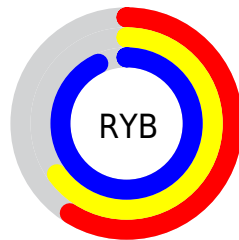
Distribution



Red (59%)

Green (66%)

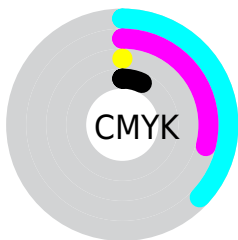
Blue (93%)



Red (59%)

Yellow (65%)

Blue (93%)

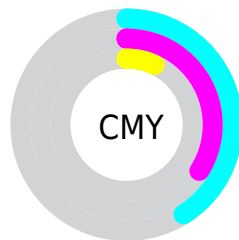


Cyan (37%)

Magenta (29%)

Yellow (0%)

Black (7%)



Cyan (41%)

Magenta (34%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.1850, 32.9398, -18.5792 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 171.1850, 32.9398, -18.5792 by changing the saturation by 10% instead.

■ 171.1850, 32.9398,
-18.5792

■ 171.1850, 32.9398,
-18.5792

255.0000, 0.0000,
0.0000

■ 144.6580, 32.2136,
-18.9941

■ 222.1520, 16.1941,
-14.1653

■ 117.8320, 31.6348,
-20.0237

■ 247.8460, 3.5269,
-11.2659

■ 92.5930, 30.7667,
-21.5681

■ 67.0550, 30.0459,
-23.7272

■ 39.3310, 31.3888,
-34.4933

■ 24.8550, 26.6935,
-21.7978

■ 6.3840, 24.4607,

-5.5988

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 171.1850, 32.9398,
-18.5792

■ 171.1850, 32.9398,
-18.5792

■ 152.8560, 41.9760,
-23.5527

■ 189.5140, 23.9036,
-13.6058

■ 135.1140, 50.7228,
-29.0410

■ 207.2560, 15.1568,
-8.1175

■ 117.0840, 59.6116,
-33.3997

■ 225.2860, 6.2680,
-3.7588

■ 98.7550, 68.6478,
-38.3731

■ 243.6150, -2.7682,
1.2146

■ 81.0130, 77.3946,
-43.8614

■ 253.0620, -7.4256,
1.6996

■ 62.6840, 86.4308,
-48.8349

■ 57.0690, 89.1990,
-50.0495

Harmonies

Analogous

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



160.0010, 38.4535, -60.5139



171.1850, 32.9398, -18.5792



175.9680, 22.2008, 19.3221

Triad

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



171.1850, 32.9398, -18.5792



172.7280, -24.0229, 51.9815



156.4910, -1.7211, -54.8046

Complementary

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



171.1850, 32.9398, -18.5792



216.8150, -32.9398, 18.5792

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.



163.1780, -20.3008, -22.0811



171.1850, 32.9398, -18.5792



170.7290, -32.4044, 33.5637

Square

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



171.1850, 32.9398, -18.5792



174.2460, -9.4883, 56.7893



167.5040, -31.3075, 8.3280



145.8190, 20.7952, -90.1723

Rectangle

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



171.1850, 32.9398, -18.5792



176.1570, 12.2476, 38.4503



167.5040, -31.3075, 8.3280



159.3200, -9.0318, -43.2536

Sweetspot

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



171.1850, 32.9398, -18.5792



233.7140, 10.4940, -5.8882



209.5220, 4.6727, -52.2008



115.2860, 6.2680, -3.7588



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.



171.1850, 32.9398, -18.5792



169.8560, 41.9760, -23.5527



167.5070, 34.7530, 6.5714



110.5420, 4.6628, -2.2293



44.4560, 68.7952, -38.9879



13.4280, 20.9880, -11.7764

Inverse Universe

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



178.4780, -4.6727, 52.2008



179.2240, -6.0264, 66.4556



220.4930, -34.7530, -6.5714



111.8160, -0.8953, 7.1774



59.5760, -9.6510, 109.1198



18.1120, -3.0132, 33.2278

Previews

White Background



This preview shows how the YUV color 171.1850, 32.9398, -18.5792 looks on a white background.

Color Contrast Check

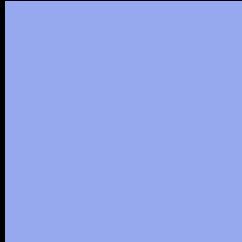
Large Text (above 18pt) WCAG AA × Fail

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 171.1850, 32.9398, -18.5792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

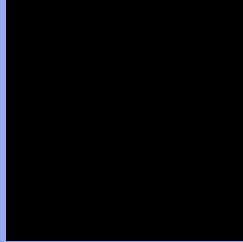
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.1850, 32.9398, -18.5792

Background



This preview shows how black text looks on a background with the YUV color 171.1850, 32.9398, -18.5792.



This preview shows how white text looks on a background with the YUV color 171.1850, 32.9398, -18.5792.

-18.5792.

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

171.1850, 32.9398, -18.5792

Protanopia

171.1850, 32.9398, -18.5792

Deuteranopia

170.8860, 33.0872, -19.1940



Tritanopia

167.9350, 11.8640, -25.3760

Trichromacy



Original Color

171.1850, 32.9398, -18.5792

Protanomaly

171.1850, 32.9398, -18.5792

Deuteranomaly

170.8860, 33.0872, -19.1940

Tritanomaly

169.3080, 19.5682, -23.0721

Monochromacy



Original Color

171.1850, 32.9398, -18.5792

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.7570, 11.9518, -6.8029

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.1850, 32.9398, -18.5792 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(150, 169, 238)` looks like.

```
.text, #text, p{  
    color:rgb(150, 169, 238)  
}
```

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(150, 169, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 169, 238) }
```

Border

The CSS property to change the border of an element to YUV 171.1850, 32.9398, -18.5792 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(150, 169, 238) }
```


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

```
.border{ border-color:rgb(150, 169, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 169, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 169, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 169, 238);  
box-shadow:4px 4px 4px 4px rgb(150, 169,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 171.1850, 32.9398, -18.5792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 169, 238) }
```

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

```
.background{ background-color: rgb(150,  
169, 238) }
```

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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