

Converting Colors

YUV(177.5870, 33.2346,
-19.8088)

Have a look what the booklet for
YUV(177.5870, 33.2346, -19.8088)
contains.

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Color

**YUV(177.5870, 33.2346,
-19.8088)**

Conversions

Conversions Part 1

Format	Color
Hex	9BB0F5
RGB	155, 176, 245
RGB Percent	61%, 69%, 96%
CMY	0.3922, 0.3098, 0.0392
CMYK	0.37, 0.28, 0.00, 0.04
HSL	226°, 82%, 78%
HSV	226°, 37%, 96%
XYZ	45.5243, 44.6118, 92.5977
YIQ	177.5870, -34.6650, 17.0070

Conversions

Conversions Part 2

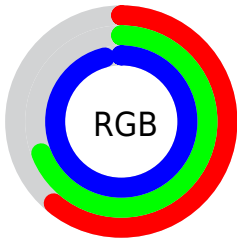
Format	Color
RYB	155, 172, 245
Decimal	10203381
CIELab	72.64, 9.16, -36.67
CIELCh	73, 37.792, 284.021
Yxy	44.6118, 0.2491, 0.2441
Android (android.graphics.Color)	4288393461 (0xFF9BB0F5)
YUV	177.5870, 33.2346, -19.8088
Hunter-Lab	66.7921, 4.7764, -35.4427

Details

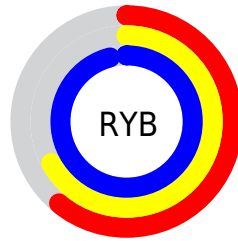
The YUV color **177.5870, 33.2346, -19.8088** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **222.4130, -33.2346, 19.8088**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.0550, 13.2839, -14.0802**, and **124.1200, 31.4928, -21.1532** is the 20% darker color. If you saturate the color by 10%, you get **159.2580, 42.2708, -24.7823**, and if you desaturate by 10%, it is **195.9160, 24.1984, -14.8353**.

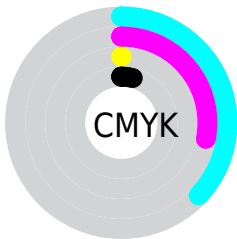
Distribution



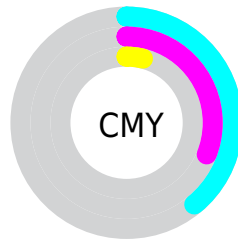
- Red (61%)
- Green (69%)
- Blue (96%)



- Red (61%)
- Yellow (67%)
- Blue (96%)



- Cyan (37%)
- Magenta (28%)
- Yellow (0%)
- Black (4%)



- Cyan (39%)
- Magenta (31%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.5870, 33.2346, -19.8088 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 177.5870, 33.2346, -19.8088 by changing the saturation by 10% instead.

■ 177.5870, 33.2346,
-19.8088

■ 177.5870, 33.2346,
-19.8088

255.0000, 0.0000,
0.0000

■ 150.0600, 32.5084,
-20.2236

■ 228.0550, 13.2839,
-14.0802

■ 124.1200, 31.4928,
-21.1532

■ 250.8140, 2.0637,
-8.6069

■ 98.2940, 30.9141,
-22.1828

■ 72.8700, 30.6301,
-24.4420

■ 45.6300, 31.2414,
-33.8785

■ 28.3600, 27.4305,
-24.8717

■ 11.6500, 24.3296,

-10.2171

■ 6.0930, 15.7302,
-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 177.5870, 33.2346,
-19.8088

■ 177.5870, 33.2346,
-19.8088

■ 159.2580, 42.2708,
-24.7823

■ 195.9160, 24.1984,
-14.8353

■ 140.6300, 51.4544,
-30.3705

■ 214.5440, 15.0148,
-9.2471

■ 122.8880, 60.2012,
-35.8588

■ 232.2860, 6.2680,
-3.7588

■ 104.2600, 69.3848,
-41.4470

■ 250.9140, -2.9156,
1.8294

■ 85.6320, 78.5684,
-47.0353

■ 253.8600, -4.3680,
0.9998

■ 67.3030, 87.6046,
-52.0087

■ 61.3890, 90.5202,
-53.8382

Harmonies

Analogous

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



166.5880, 38.1641, -61.0287



177.5870, 33.2346, -19.8088



182.3700, 22.4956, 18.0925

Triad

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



177.5870, 33.2346, -19.8088



179.2550, -23.2967, 52.3964



163.2740, -2.6001, -52.8603

Complementary

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



177.5870, 33.2346, -19.8088



222.4130, -33.2346, 19.8088

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.



169.6620, -21.0324, -20.7516



177.5870, 33.2346, -19.8088



177.4410, -32.2624, 34.6932

Square

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



177.5870, 33.2346, -19.8088



181.3600, -9.0515, 56.6893



174.1020, -31.6023, 9.5575



154.7980, 19.3266, -85.7688

Rectangle

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



177.5870, 33.2346, -19.8088



182.9720, 12.8318, 37.7356



174.1020, -31.6023, 9.5575



165.9180, -9.3266, -42.0241

Sweetspot

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



177.5870, 33.2346, -19.8088



233.7140, 10.4940, -5.8882



215.6960, 4.0939, -53.2304



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.



177.5870, 33.2346, -19.8088



171.0300, 41.3972, -24.5823



172.4360, 35.7741, 5.7566



113.1290, 4.3734, -2.7441



46.4450, 68.8006, -40.7323



14.9440, 21.7196, -13.1059

Inverse Universe

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



184.3040, -4.0939, 53.2304



179.4520, -5.1528, 66.2556



227.5640, -35.7741, -5.7566



113.9300, -0.4585, 7.0774



60.5160, -8.6354, 110.0495



19.2370, -2.5818, 34.8722

Previews

White Background



This preview shows how the YUV color 177.5870, 33.2346, -19.8088 looks on a white background.

Color Contrast Check

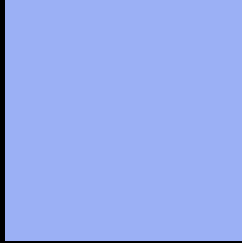
Large Text (above 18pt) WCAG AA × Fail

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 177.5870, 33.2346, -19.8088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

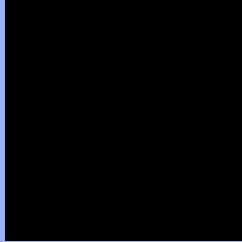
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.5870, 33.2346, -19.8088

Background



This preview shows how black text looks on a background with the YUV color 177.5870, 33.2346, -19.8088.



This preview shows how white text looks on a background with the YUV color 177.5870, 33.2346, -19.8088.

-19.8088.

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

177.5870, 33.2346, -19.8088

Protanopia

177.5980, 33.2292, -18.0644

Deuteranopia

177.8860, 33.0872, -19.1940



Tritanopia

174.3370, 12.1589, -26.6055

Trichromacy



Original Color

177.5870, 33.2346, -19.8088

Protanomaly

177.2990, 33.3766, -18.6792

Deuteranomaly

177.8860, 33.0872, -19.1940

Tritanomaly

175.7100, 19.8630, -24.3017

Monochromacy



Original Color

177.5870, 33.2346, -19.8088

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.7570, 11.9518, -6.8029

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.5870, 33.2346, -19.8088 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(155, 176, 245)` looks like.

```
.text, #text, p{  
    color:rgb(155, 176, 245)  
}
```

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(155, 176, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 176, 245) }
```

Border

The CSS property to change the border of an element to YUV 177.5870, 33.2346, -19.8088 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(155, 176, 245) }
```


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

```
.border{ border-color:rgb(155, 176, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 176, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 176, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 176, 245);  
box-shadow:4px 4px 4px 4px rgb(155, 176,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 177.5870, 33.2346, -19.8088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 176, 245) }
```

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

```
.background{ background-color: rgb(155,  
176, 245) }
```

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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