

Converting Colors

YUV(171.7420, -19.0998,
-33.9767)

Have a look what the booklet for
YUV(171.7420, -19.0998, -33.9767)
contains.

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Color

**YUV(171.7420, -19.0998,
-33.9767)**

Conversions

Conversions Part 1

Format	Color
Hex	85C785
RGB	133, 199, 133
RGB Percent	52%, 78%, 52%
CMY	0.4784, 0.2196, 0.4784
CMYK	0.33, 0.00, 0.33, 0.22
HSL	120°, 37%, 65%
HSV	120°, 33%, 78%
XYZ	34.3299, 47.5268, 29.5545
YIQ	171.7420, -18.1500, -34.5180

Conversions

Conversions Part 2

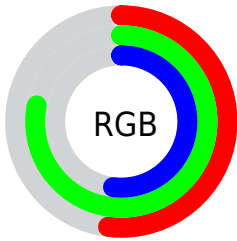
Format	Color
RYB	133, 199, 199
Decimal	8767365
CIELab	74.53, -34.12, 26.58
CIElCh	75, 43.250, 142.073
Yxy	47.5268, 0.3081, 0.4266
Android (android.graphics.Color)	4286957445 (0xFF85C785)
YUV	171.7420, -19.0998, -33.9767
Hunter-Lab	68.9397, -31.7568, 22.8401

Details

The YUV color **171.7420, -19.0998, -33.9767** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **160.2580, 19.0998, 33.9767**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.2150, -19.8260, -34.3916**, and **118.4970, -17.5000, -33.7619** is the 20% darker color. If you saturate the color by 10%, you get **163.4820, -24.8876, -44.2727**, and if you desaturate by 10%, it is **180.0020, -13.3120, -23.6808**.

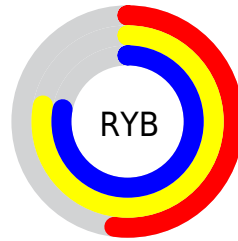
Distribution



Red (52%)

Green (78%)

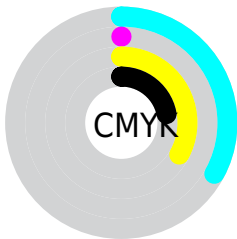
Blue (52%)



Red (52%)

Yellow (78%)

Blue (78%)

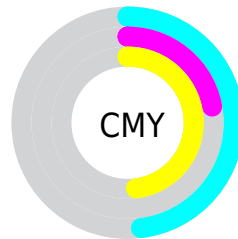


Cyan (33%)

Magenta (0%)

Yellow (33%)

Black (22%)



Cyan (48%)

Magenta (22%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.7420, -19.0998, -33.9767 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 171.7420, -19.0998, -33.9767 by changing the saturation by 10% instead.

■ 171.7420,
-19.0998, -33.9767

■ 171.7420,
-19.0998, -33.9767

255.0000, 0.0000,
0.0000

■ 144.2690,
-18.3736, -33.5619

■ 227.2150,
-19.8260, -34.3916

■ 118.4970,
-17.5000, -33.7619

■ 238.6650,
-12.1598, -19.8772

■ 92.7250, -16.6264,
-33.9618

■ 250.6420, -3.7675,
-4.9480

■ 66.4690, -15.0212,
-35.4913

■ 41.9850, -14.2896,
-36.8208

■ 27.0020, -13.3120,
-23.6808

■ 14.0880, -6.9454,

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 171.7420,
-19.0998, -33.9767

■ 171.7420,
-19.0998, -33.9767

■ 163.4820,
-24.8876, -44.2727

■ 180.0020,
-13.3120, -23.6808

■ 155.2220,
-30.6754, -54.5687

■ 188.2620, -7.5242,
-13.3848

■ 146.9620,
-36.4633, -64.8647

■ 196.5220, -1.7363,
-3.0888

■ 138.7020,
-42.2511, -75.1607

■ 204.7820, 4.0515,
7.2072

■ 130.8550,
-47.7495, -84.9418

■ 213.0420, 9.8393,
17.5032

■ 122.5950,
-53.5373, -95.2378

■ 220.8890, 15.3377,
27.2843

■ 116.8130,
-57.5888, -102.4450

■ 222.1280, 16.2059,
28.8287

Harmonies

Analogous

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



177.3630, -34.1960, 1.4356



171.7420, -19.0998, -33.9767



161.9660, 4.4538, -75.3922

Triad

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



171.7420, -19.0998, -33.9767



171.6850, 41.0743, -61.1137



183.7260, -14.1619, 62.5073

Complementary

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



171.7420, -19.0998, -33.9767



160.2580, 19.0998, 33.9767

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.



187.8020, 4.0416, 57.1786



171.7420, -19.0998, -33.9767



184.3970, 34.8073, -10.8722

Square

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



171.7420, -19.0998, -33.9767



145.3300, 49.1373, -127.4544



188.3330, 22.0208, 30.4030



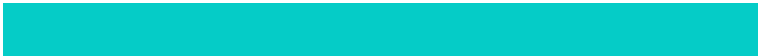
183.4420, -30.2909, 55.7404

Rectangle

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



171.7420, -19.0998, -33.9767



143.9290, 27.1500, -121.8407



188.3330, 22.0208, 30.4030



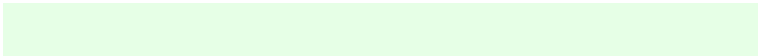
184.7350, -7.7574, 61.6224

Sweetspot

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



171.7420, -19.0998, -33.9767



244.6750, -7.2348, -12.8700



191.4760, -28.8287, 6.5985



121.3920, -4.6303, -8.2368



0.0000, 0.0000, 0.0000



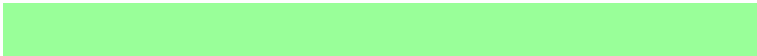
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



171.7420, -19.0998, -33.9767



212.8740, -29.5179, -52.5095



175.5040, -4.6855, -37.2760



95.2830, -2.6045, -4.6332



95.6810, -47.1707, -83.9122



21.1320, -10.4181, -18.5328

Inverse Universe

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



160.2580, 19.0998, 33.9767



195.1260, 29.5179, 52.5095



156.4960, 4.6855, 37.2760



93.7170, 2.6045, 4.6332



67.3190, 47.1707, 83.9122



14.8680, 10.4181, 18.5328

Previews

White Background



This preview shows how the YUV color 171.7420, -19.0998, -33.9767 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 171.7420, -19.0998, -33.9767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

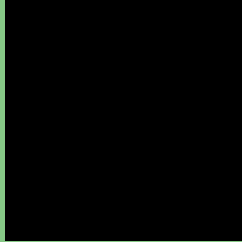
Any Text WCAG AA ✓ Pass

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 171.7420, -19.0998, -33.9767 Background



This preview shows how black text looks on a background with the YUV color 171.7420, -19.0998, -33.9767.



This preview shows how white text looks on a background with the YUV color 171.7420, -19.0998, -33.9767.

-33.9767.

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

171.7420, -19.0998, -33.9767

Protanopia

180.1010, -26.6718, 14.8204

Deuteranopia

182.7420, -22.0578, 28.2903



Tritanopia

178.5540, 13.0379, -28.5499

Trichromacy



Original Color

171.7420, -19.0998, -33.9767

Protanomaly

177.0880, -23.7074, -2.7082

Deuteranomaly

178.8270, -21.1137, 5.4137

Tritanomaly

175.8560, 1.5500, -30.5687

Monochromacy



Original Color

171.7420, -19.0998, -33.9767

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.0880, -6.9454, -12.3552

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.7420, -19.0998, -33.9767 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, 199, 133)` looks like.

```
.text, #text, p{  
    color:rgb(133, 199, 133)  
}
```

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, 199, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 199, 133) }
```

Border

The CSS property to change the border of an element to YUV 171.7420, -19.0998, -33.9767 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, 199, 133) }
```


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

```
.border{ border-color:rgb(133, 199, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 199, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 199, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 199, 133);  
box-shadow:4px 4px 4px 4px rgb(133, 199,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 171.7420, -19.0998, -33.9767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 199, 133) }
```

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

```
.background{ background-color: rgb(133,  
199, 133) }
```

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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