

Converting Colors

YUV(172.2150, -19.8260,
-34.3916)

Have a look what the booklet for
YUV(172.2150, -19.8260, -34.3916)
contains.

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Color

**YUV(172.2150, -19.8260,
-34.3916)**

Conversions

Conversions Part 1

Format	Color
Hex	85C884
RGB	133, 200, 132
RGB Percent	52%, 78%, 52%
CMY	0.4784, 0.2157, 0.4824
CMYK	0.33, 0.00, 0.34, 0.22
HSL	119°, 38%, 65%
HSV	119°, 34%, 78%
XYZ	34.4920, 47.9610, 29.2693
YIQ	172.2150, -18.1040, -35.3520

Conversions

Conversions Part 2

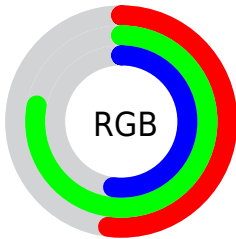
Format	Color
RYB	132, 200, 199
Decimal	8767620
CIELab	74.80, -34.74, 27.48
CIELCh	75, 44.293, 141.660
Yxy	47.9610, 0.3087, 0.4293
Android (android.graphics.Color)	4286957700 (0xFF85C884)
YUV	172.2150, -19.8260, -34.3916
Hunter-Lab	69.2539, -32.2922, 23.4196

Details

The YUV color **172.2150, -19.8260, -34.3916** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **159.7850, 19.8260, 34.3916**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.1010, -20.2628, -34.2916**, and **118.9700, -18.2262, -34.1767** is the 20% darker color. If you saturate the color by 10%, you get **163.9550, -25.6138, -44.6875**, and if you desaturate by 10%, it is **180.4750, -14.0382, -24.0956**.

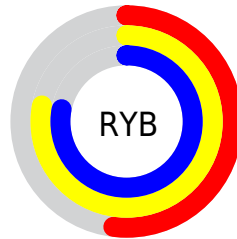
Distribution



Red (52%)

Green (78%)

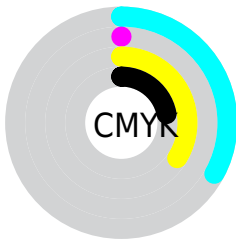
Blue (52%)



Red (52%)

Yellow (78%)

Blue (78%)

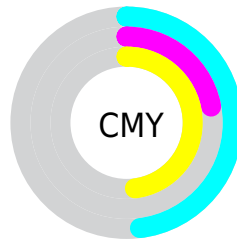


Cyan (33%)

Magenta (0%)

Yellow (34%)

Black (22%)



Cyan (48%)

Magenta (22%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.2150, -19.8260, -34.3916 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 172.2150, -19.8260, -34.3916 by changing the saturation by 10% instead.

■ 172.2150,
-19.8260, -34.3916

■ 172.2150,
-19.8260, -34.3916

255.0000, 0.0000,
0.0000

■ 144.7420,
-19.0998, -33.9767

■ 227.1010,
-20.2628, -34.2916

■ 118.9700,
-18.2262, -34.1767

■ 238.8500,
-12.7440, -19.1624

■ 93.1980, -17.3526,
-34.3766

■ 250.8270, -4.3517,
-4.2333

■ 66.9420, -15.7474,
-35.9061

■ 42.4580, -15.0158,
-37.2357

■ 27.5890, -13.6014,
-24.1956

■ 14.6750, -7.2348,

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 172.2150,
-19.8260, -34.3916

■ 172.2150,
-19.8260, -34.3916

■ 163.9550,
-25.6138, -44.6875

■ 180.4750,
-14.0382, -24.0956

■ 155.9940,
-31.5490, -54.3687

■ 188.4360, -8.1029,
-14.4144

■ 147.7340,
-37.3369, -64.6647

■ 196.6960, -2.3151,
-4.1184

■ 139.4740,
-43.1247, -74.9607

■ 204.9560, 3.4727,
6.1776

■ 131.2140,
-48.9125, -85.2567

■ 213.2160, 9.2605,
16.4736

■ 123.2530,
-54.8477, -94.9379

■ 221.1770, 15.1957,
26.1548

■ 118.2970,
-58.3204, -101.1155

■ 222.7150, 15.9165,
28.3139

Harmonies

Analogous

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



178.0210, -35.5064, 1.7356



172.2150, -19.8260, -34.3916



161.9550, 4.4592, -77.1365

Triad

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



172.2150, -19.8260, -34.3916



171.0760, 41.3745, -64.0877



183.8400, -13.7251, 62.4073

Complementary

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



172.2150, -19.8260, -34.3916



159.7850, 19.8260, 34.3916

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.



188.5140, 4.1836, 58.3082



172.2150, -19.8260, -34.3916



184.6850, 34.6653, -12.0017

Square

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



172.2150, -19.8260, -34.3916



146.1450, 49.7215, -128.1692



189.4470, 22.4576, 30.3030



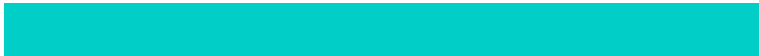
184.0400, -30.5857, 56.9699

Rectangle

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



172.2150, -19.8260, -34.3916



143.6080, 27.3083, -125.9442



189.4470, 22.4576, 30.3030



184.8490, -7.3206, 61.5224

Sweetspot

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



172.2150, -19.8260, -34.3916



244.6750, -7.2348, -12.8700



191.6610, -29.4129, 7.3133



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.



172.2150, -19.8260, -34.3916



212.2330, -30.6809, -52.8243



175.6780, -5.2643, -38.3056



95.2830, -2.6045, -4.6332



96.2790, -47.4655, -82.6827



21.4310, -10.5655, -17.9180

Inverse Universe

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



159.7850, 19.8260, 34.3916



192.7670, 30.6809, 52.8243



156.3220, 5.2643, 38.3056



93.7170, 2.6045, 4.6332



66.7210, 47.4655, 82.6827



14.5690, 10.5655, 17.9180

Previews

White Background



This preview shows how the YUV color 172.2150, -19.8260, -34.3916 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 172.2150, -19.8260, -34.3916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

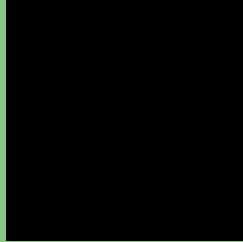
Any Text WCAG AA ✓ Pass

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 172.2150, -19.8260, -34.3916 Background



This preview shows how black text looks on a background with the YUV color 172.2150, -19.8260, -34.3916.



This preview shows how white text looks on a background with the YUV color 172.2150, -19.8260, -34.3916.

-34.3916.

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

172.2150, -19.8260, -34.3916

Protanopia

180.8730, -27.5454, 15.0204

Deuteranopia

183.5140, -22.9314, 28.4902



Tritanopia

179.5540, 13.0379, -28.5499

Trichromacy



Original Color

172.2150, -19.8260, -34.3916

Protanomaly

177.5610, -24.4336, -3.1230

Deuteranomaly

179.5990, -21.9873, 5.6137

Tritanomaly

176.7420, 1.1132, -30.4687

Monochromacy



Original Color

172.2150, -19.8260, -34.3916

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.9740, -7.3822, -12.2552

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.2150, -19.8260, -34.3916 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, 200, 132)` looks like.

```
.text, #text, p{  
    color:rgb(133, 200, 132)  
}
```

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, 200, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 200, 132) }
```

Border

The CSS property to change the border of an element to YUV 172.2150, -19.8260, -34.3916 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, 200, 132) }
```


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

```
.border{ border-color:rgb(133, 200, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 200, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 200, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 200, 132);  
box-shadow:4px 4px 4px 4px rgb(133, 200,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 172.2150, -19.8260, -34.3916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 200, 132) }
```

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

```
.background{ background-color: rgb(133,  
200, 132) }
```

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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