

Converting Colors

YUV(172.3830, -17.9368,
-33.6619)

Have a look what the booklet for
YUV(172.3830, -17.9368, -33.6619)
contains.

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Color

**YUV(172.3830, -17.9368,
-33.6619)**

Conversions

Conversions Part 1

Format	Color
Hex	86C788
RGB	134, 199, 136
RGB Percent	53%, 78%, 53%
CMY	0.4745, 0.2196, 0.4667
CMYK	0.33, 0.00, 0.32, 0.22
HSL	122°, 37%, 65%
HSV	122°, 33%, 78%
XYZ	34.6989, 47.6928, 30.6694
YIQ	172.3830, -18.5170, -33.3730

Conversions

Conversions Part 2

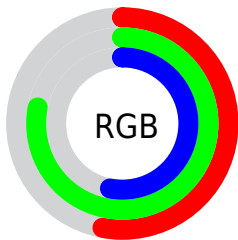
Format	Color
RYB	134, 197, 199
Decimal	8832904
CIELab	74.63, -33.30, 25.16
CIElCh	75, 41.733, 142.928
Yxy	47.6928, 0.3069, 0.4218
Android (android.graphics.Color)	4287022984 (0xFF86C788)
YUV	172.3830, -17.9368, -33.6619
Hunter-Lab	69.0599, -31.1683, 22.0114

Details

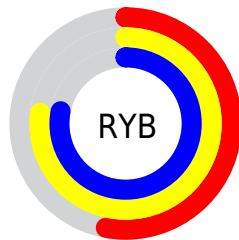
The YUV color **172.3830, -17.9368, -33.6619** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **160.6170, 17.9368, 33.6619**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.8560, -18.6630, -34.0767**, and **119.1380, -16.3370, -33.4470** is the 20% darker color. If you saturate the color by 10%, you get **164.2370, -23.2878, -44.0578**, and if you desaturate by 10%, it is **180.5290, -12.5858, -23.2659**.

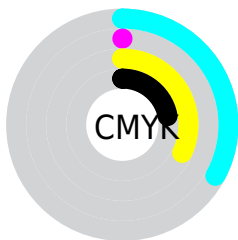
Distribution



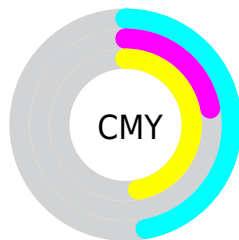
- Red (53%)
- Green (78%)
- Blue (53%)



- Red (53%)
- Yellow (77%)
- Blue (78%)



- Cyan (33%)
- Magenta (0%)
- Yellow (32%)
- Black (22%)



- Cyan (47%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.3830, -17.9368, -33.6619 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 172.3830, -17.9368, -33.6619 by changing the saturation by 10% instead.

■ 172.3830,
-17.9368, -33.6619

■ 172.3830,
-17.9368, -33.6619

255.0000, 0.0000,
0.0000

■ 144.9100,
-17.2106, -33.2471

■ 227.8560,
-18.6630, -34.0767

■ 119.1380,
-16.3370, -33.4470

■ 239.4200,
-10.5601, -19.6623

■ 93.3660, -15.4634,
-33.6470

■ 251.2830, -2.6045,
-4.6332

■ 67.9960, -14.2950,
-35.0765

■ 42.4410, -12.5424,
-37.2208

■ 27.0020, -13.3120,
-23.6808

■ 14.6750, -7.2348,

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 172.3830,
-17.9368, -33.6619

■ 172.3830,
-17.9368, -33.6619

■ 164.2370,
-23.2878, -44.0578

■ 180.5290,
-12.5858, -23.2659

■ 155.9770,
-29.0757, -54.3538

■ 188.7890, -6.7980,
-12.9700

■ 147.8310,
-34.4267, -64.7498

■ 196.9350, -1.4470,
-2.5740

■ 139.6850,
-39.7777, -75.1457

■ 205.0810, 3.9041,
7.8220

■ 131.8380,
-45.2761, -84.9269

■ 213.2270, 9.2551,
18.2179

■ 123.5780,
-51.0640, -95.2229

■ 221.1880, 15.1903,
27.8991

■ 117.4970,
-54.9680, -103.0449

■ 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.



177.7050, -32.8856, 1.1357



172.3830, -17.9368, -33.6619



163.1020, 4.8797, -72.0035

Triad

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



172.3830, -17.9368, -33.6619



173.4900, 40.1844, -55.6807



185.0140, -14.3039, 61.3777

Complementary

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



172.3830, -17.9368, -33.6619



160.6170, 17.9368, 33.6619

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.



187.5630, 3.1734, 55.6342



172.3830, -17.9368, -33.6619



185.1800, 33.9283, -8.9279

Square

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



172.3830, -17.9368, -33.6619



150.9080, 45.8944, -113.9293



188.5780, 20.4210, 30.1881



184.2460, -29.7013, 53.2813

Rectangle

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



172.3830, -17.9368, -33.6619



152.3010, 23.0226, -104.6270



188.5780, 20.4210, 30.1881



185.7950, -8.7729, 60.6928

Sweetspot

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



172.3830, -17.9368, -33.6619



244.6750, -7.2348, -12.8700



191.2910, -28.2445, 5.8838



121.5060, -4.1935, -8.3368



0.0000, 0.0000, 0.0000



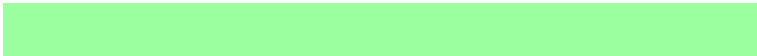
128.0000, 0.0000, 0.0000

Same Dimension

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



172.3830, -17.9368, -33.6619



214.4550, -27.3393, -51.2650



176.0310, -3.9593, -36.8612



95.2830, -2.6045, -4.6332



96.2510, -44.9867, -84.4121



21.2460, -9.9813, -18.6327

Inverse Universe

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



160.6170, 17.9368, 33.6619



196.5450, 27.3393, 51.2650



156.9690, 3.9593, 36.8612



93.7170, 2.6045, 4.6332



66.7490, 44.9867, 84.4121



14.7540, 9.9813, 18.6327

Previews

White Background



This preview shows how the YUV color 172.3830, -17.9368, -33.6619 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 172.3830, -17.9368, -33.6619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

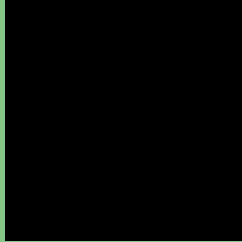
Any Text WCAG AA ✓ Pass

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 172.3830, -17.9368, -33.6619 Background



This preview shows how black text looks on a background with the YUV color 172.3830, -17.9368, -33.6619.



This preview shows how white text looks on a background with the YUV color 172.3830, -17.9368, -33.6619.

-33.6619.

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

172.3830, -17.9368, -33.6619

Protanopia

181.0300, -25.6508, 14.0057

Deuteranopia

182.7850, -20.6000, 27.3756



Tritanopia

178.8530, 12.8905, -27.9351

Trichromacy



Original Color

172.3830, -17.9368, -33.6619

Protanomaly

178.0170, -22.6864, -3.5229

Deuteranomaly

179.1690, -19.8033, 5.1138

Tritanomaly

176.2690, 1.8394, -30.0539

Monochromacy



Original Color

172.3830, -17.9368, -33.6619

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.2020, -6.5086, -12.4552

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.3830, -17.9368, -33.6619 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(134, 199, 136)` looks like.

```
.text, #text, p{  
    color:rgb(134, 199, 136)  
}
```

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(134, 199, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 199, 136) }
```

Border

The CSS property to change the border of an element to YUV 172.3830, -17.9368, -33.6619 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(134, 199, 136) }
```


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

```
.border{ border-color:rgb(134, 199, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 199, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 199, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 199, 136);  
box-shadow:4px 4px 4px 4px rgb(134, 199,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 172.3830, -17.9368, -33.6619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 199, 136) }
```

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

```
.background{ background-color: rgb(134,  
199, 136) }
```

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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