

Converting Colors

YUV(171.1230, -16.8226,
-17.6479)

Have a look what the booklet for
YUV(171.1230, -16.8226, -17.6479)
contains.

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Color

**YUV(171.1230, -16.8226,
-17.6479)**

Conversions

Conversions Part 1

Format	Color
Hex	97BC89
RGB	151, 188, 137
RGB Percent	59%, 74%, 54%
CMY	0.4078, 0.2627, 0.4627
CMYK	0.20, 0.00, 0.27, 0.26
HSL	104°, 28%, 64%
HSV	104°, 27%, 74%
XYZ	35.2611, 44.3519, 30.3692
YIQ	171.1230, -5.6810, -23.7050

Conversions

Conversions Part 2

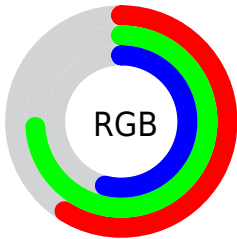
Format	Color
RYB	137, 188, 174
Decimal	9944201
CIELab	72.46, -22.04, 21.85
CIELCh	72, 31.031, 135.243
Yxy	44.3519, 0.3206, 0.4033
Android (android.graphics.Color)	4288134281 (0xFF97BC89)
YUV	171.1230, -16.8226, -17.6479
Hunter-Lab	66.5972, -22.0351, 19.5810

Details

The YUV color **171.1230, -16.8226, -17.6479** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **153.8770, 16.8226, 17.6479**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5960, -17.5488, -18.0627**, and **118.7640, -15.6597, -17.3330** is the 20% darker color. If you saturate the color by 10%, you get **164.7710, -23.0581, -24.3552**, and if you desaturate by 10%, it is **177.4750, -10.5872, -10.9406**.

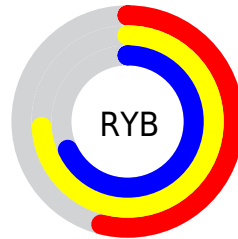
Distribution



Red (59%)

Green (74%)

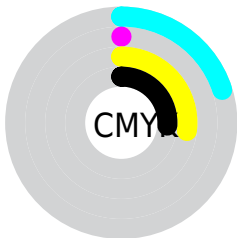
Blue (54%)



Red (54%)

Yellow (74%)

Blue (68%)

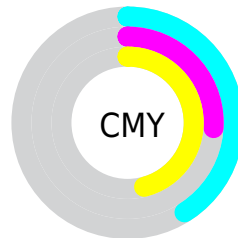


Cyan (20%)

Magenta (0%)

Yellow (27%)

Black (26%)



Cyan (41%)

Magenta (26%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.1230, -16.8226, -17.6479 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 171.1230, -16.8226, -17.6479 by changing the saturation by 10% instead.

■ 171.1230,
-16.8226, -17.6479

■ 171.1230,
-16.8226, -17.6479

255.0000, 0.0000,
0.0000

■ 144.5360,
-16.5332, -17.1331

■ 226.5960,
-17.5488, -18.0627

■ 118.7640,
-15.6597, -17.3330

■ 244.6170,
-12.6292, -9.3111

■ 93.5900, -15.0809,
-16.3034

■ 254.0880, -3.4944,
0.7998

■ 69.7040, -14.6441,
-16.4034

■ 46.0460, -13.3337,
-16.7033

■ 25.2850, -12.4655,
-15.1589

■ 9.3920, -4.6303,

-8.2368

■ 0.0000, 0.0000,
0.0000

■ 171.1230,
-16.8226, -17.6479

■ 171.1230,
-16.8226, -17.6479

■ 164.7710,
-23.0581, -24.3552

■ 177.4750,
-10.5872, -10.9406

■ 158.7180,
-29.4410, -30.4477

■ 183.5280, -4.2043,
-4.8481

■ 152.4800,
-35.2396, -37.2550

■ 189.7660, 1.5944,
1.9592

■ 146.1280,
-41.4751, -43.9623

■ 196.1180, 7.8298,
8.6665

■ 140.0750,
-47.8580, -50.0548

■ 202.1710, 14.2127,
14.7590

■ 133.7230,
-54.0934, -56.7621

■ 208.5230, 20.4482,
21.4663

■ 127.6700,
-60.4763, -62.8546

■ 212.9800, 20.7159,
28.9585

■ 125.9040,
-62.0707, -64.8138

■ 215.6710, 19.3892,
34.4915

Harmonies

Analogous

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



174.9860, -25.6291, 7.0283



171.1230, -16.8226, -17.6479



166.4540, -2.1958, -42.4942

Triad

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



171.1230, -16.8226, -17.6479



170.9230, 30.1110, -44.6595



181.1200, -8.4402, 47.2528

Complementary

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



171.1230, -16.8226, -17.6479



153.8770, 16.8226, 17.6479

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.



182.0230, 5.4117, 37.6908



171.1230, -16.8226, -17.6479



177.6110, 26.8138, -13.6908

Square

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



171.1230, -16.8226, -17.6479



163.7650, 26.2449, -64.6919



181.5070, 17.9910, 16.2184



179.4110, -19.9226, 43.4896

Rectangle

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



171.1230, -16.8226, -17.6479



163.6400, 9.0515, -56.6893



181.5070, 17.9910, 16.2184



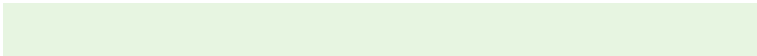
181.6620, -3.7774, 45.0234

Sweetspot

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



171.1230, -16.8226, -17.6479



238.5340, -6.6723, -6.6073



173.9680, -18.2252, 12.3061



118.2400, -4.0623, -3.7185



250.0000, 0.0000, 0.0000



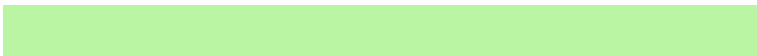
122.0000, 0.0000, 0.0000

Same Dimension

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



171.1230, -16.8226, -17.6479



218.1250, -26.6836, -28.1736



168.1910, -9.9542, -27.3545



91.1800, -3.0467, -2.7889



105.6030, -52.0623, -54.9028



20.5890, -10.1504, -11.0406

Inverse Universe

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



153.8770, 16.8226, 17.6479



190.8750, 26.6836, 28.1736



156.8090, 9.9542, 27.3545



88.1190, 2.8993, 3.4036



52.3970, 52.0623, 54.9028



10.1120, 10.2978, 10.4258

Previews

White Background



This preview shows how the YUV color 171.1230, -16.8226, -17.6479 looks on a white background.

Color Contrast Check

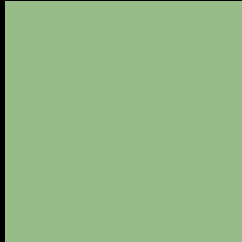
Large Text (above 18pt) WCAG AA × Fail

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 171.1230, -16.8226, -17.6479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

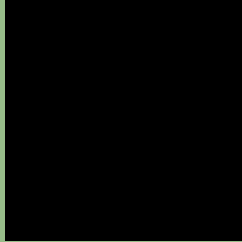
Any Text WCAG AA ✓ Pass

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 171.1230, -16.8226, -17.6479 Background



This preview shows how black text looks on a background with the YUV color 171.1230, -16.8226, -17.6479.



This preview shows how white text looks on a background with the YUV color 171.1230, -16.8226, -17.6479.

-17.6479.

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

171.1230, -16.8226, -17.6479

Protanopia

175.7570, -21.5722, 12.4911

Deuteranopia

177.7570, -18.1212, 25.6461



Tritanopia

175.7300, 9.5001, -13.7952

Trichromacy



Original Color

171.1230, -16.8226, -17.6479

Protanomaly

174.1470, -19.7925, 1.6251

Deuteranomaly

175.7720, -17.6356, 9.8470

Tritanomaly

174.2000, -0.0986, -15.0844

Monochromacy



Original Color

171.1230, -16.8226, -17.6479

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.0610, -5.9461, -6.1925

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.1230, -16.8226, -17.6479 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(151, 188, 137)` looks like.

```
.text, #text, p{  
    color:rgb(151, 188, 137)  
}
```

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(151, 188, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 188, 137) }
```

Border

The CSS property to change the border of an element to YUV 171.1230, -16.8226, -17.6479 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(151, 188, 137) }
```


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

```
.border{ border-color:rgb(151, 188, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 188, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 188, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 188, 137);  
box-shadow:4px 4px 4px 4px rgb(151, 188,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 171.1230, -16.8226, -17.6479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 188, 137) }
```

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

```
.background{ background-color: rgb(151,  
188, 137) }
```

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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