

Converting Colors

YUV(171.3680, -18.4224,
-17.8627)

Have a look what the booklet for
YUV(171.3680, -18.4224, -17.8627)
contains.

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Color

**YUV(171.3680, -18.4224,
-17.8627)**

Conversions

Conversions Part 1

Format	Color
Hex	97BD86
RGB	151, 189, 134
RGB Percent	59%, 74%, 53%
CMY	0.4078, 0.2588, 0.4745
CMYK	0.20, 0.00, 0.29, 0.26
HSL	101°, 29%, 63%
HSV	101°, 29%, 74%
XYZ	35.2632, 44.6957, 29.3228
YIQ	171.3680, -4.9930, -25.1610

Conversions

Conversions Part 2

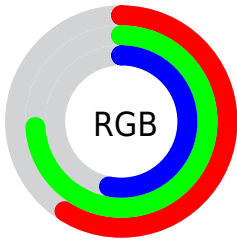
Format	Color
RYB	134, 189, 172
Decimal	9944454
CIELab	72.69, -23.01, 23.76
CIELCh	73, 33.077, 134.082
Yxy	44.6957, 0.3227, 0.4090
Android (android.graphics.Color)	4288134534 (0xFF97BD86)
YUV	171.3680, -18.4224, -17.8627
Hunter-Lab	66.8549, -22.8447, 20.7936

Details

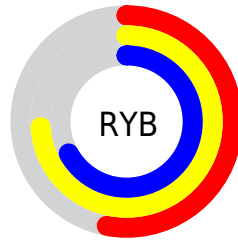
The YUV color **171.3680, -18.4224, -17.8627** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **151.6320, 18.4224, 17.8627**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.8410, -19.1486, -18.2776**, and **119.0090, -17.2594, -17.5479** is the 20% darker color. If you saturate the color by 10%, you get **165.3150, -24.8053, -23.9553**, and if you desaturate by 10%, it is **177.4210, -12.0396, -11.7702**.

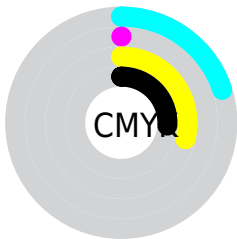
Distribution



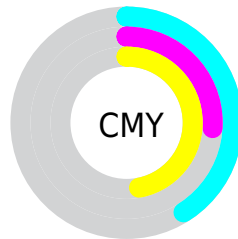
- Red (59%)
- Green (74%)
- Blue (53%)



- Red (53%)
- Yellow (74%)
- Blue (67%)



- Cyan (20%)
- Magenta (0%)
- Yellow (29%)
- Black (26%)



- Cyan (41%)
- Magenta (26%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.3680, -18.4224, -17.8627 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 171.3680, -18.4224, -17.8627 by changing the saturation by 10% instead.

■ 171.3680,
-18.4224, -17.8627

■ 171.3680,
-18.4224, -17.8627

255.0000, 0.0000,
0.0000

■ 144.7810,
-18.1330, -17.3479

■ 226.8410,
-19.1486, -18.2776

■ 119.0090,
-17.2594, -17.5479

■ 244.1610,
-14.3764, -8.9112

■ 93.5360, -16.5332,
-17.1331

■ 253.7460, -4.8048,
1.0998

■ 69.1770, -15.3703,
-16.8182

■ 46.2910, -14.9335,
-16.9182

■ 25.2740, -12.4601,
-16.9033

■ 9.9790, -4.9196,

-8.7516

■ 0.0000, 0.0000,
0.0000

■ 171.3680,
-18.4224, -17.8627

■ 171.3680,
-18.4224, -17.8627

■ 165.3150,
-24.8053, -23.9553

■ 177.4210,
-12.0396, -11.7702

■ 159.2620,
-31.1882, -30.0478

■ 183.4740, -5.6567,
-5.6777

■ 153.2090,
-37.5710, -36.1403

■ 189.5270, 0.7262,
0.4148

■ 147.1560,
-43.9539, -42.2328

■ 195.5800, 7.1091,
6.5073

■ 141.1030,
-50.3368, -48.3253

■ 201.6330, 13.4919,
12.5999

■ 135.1640,
-56.2829, -54.5178

■ 207.5720, 19.4380,
18.7924

■ 129.1110,
-62.6657, -60.6103

■ 212.3710, 21.0161,
25.9846

■ 128.2850,
-63.2445, -61.6399

■ 216.2580, 19.0998,
33.9767

Harmonies

Analogous

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



175.1280, -27.6711, 8.6577



171.3680, -18.4224, -17.8627



166.6170, -2.7692, -45.2681

Triad

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



171.3680, -18.4224, -17.8627



169.8730, 32.6006, -49.8776



181.8430, -8.3036, 50.1267

Complementary

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



171.3680, -18.4224, -17.8627



151.6320, 18.4224, 17.8627

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.



182.6750, 6.5692, 39.7500



171.3680, -18.4224, -17.8627



177.8710, 29.1506, -16.5499

Square

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



171.3680, -18.4224, -17.8627



161.2910, 28.4505, -72.1692



182.5500, 19.4489, 15.3037



179.9060, -20.6597, 46.5634

Rectangle

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



171.3680, -18.4224, -17.8627



163.0200, 9.3571, -61.4075



182.5500, 19.4489, 15.3037



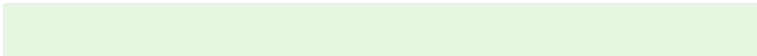
181.7980, -3.3514, 48.4122

Sweetspot

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



171.3680, -18.4224, -17.8627



238.0070, -7.3985, -7.0221



172.7510, -19.1042, 14.2504



117.8270, -4.3517, -4.2333



250.0000, 0.0000, 0.0000



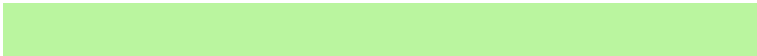
122.0000, 0.0000, 0.0000

Same Dimension

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



171.3680, -18.4224, -17.8627



217.5550, -28.8676, -27.6737



167.4250, -11.5485, -29.3137



91.1800, -3.0467, -2.7889



107.3970, -52.9467, -51.2142



20.8880, -10.2978, -10.4258

Inverse Universe

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



151.6320, 18.4224, 17.8627



186.4450, 28.8676, 27.6737



155.5750, 11.5485, 29.3137



87.8200, 3.0467, 2.7889



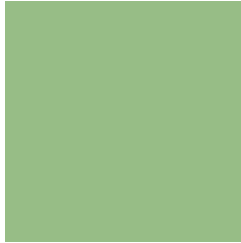
50.6030, 52.9467, 51.2142



9.8130, 10.4452, 9.8110

Previews

White Background



This preview shows how the YUV color 171.3680, -18.4224, -17.8627 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 171.3680, -18.4224, -17.8627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

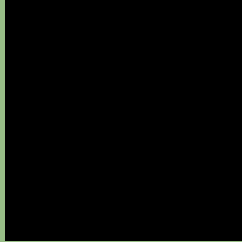
Any Text WCAG AA ✓ Pass

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 171.3680, -18.4224, -17.8627 Background



This preview shows how black text looks on a background with the YUV color 171.3680, -18.4224, -17.8627.



This preview shows how white text looks on a background with the YUV color 171.3680, -18.4224, -17.8627.

-17.8627.

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

171.3680, -18.4224, -17.8627

Protanopia

176.3010, -23.3194, 12.8910

Deuteranopia

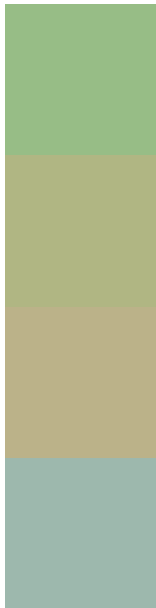
178.3010, -19.8684, 26.0460



Tritanopia

176.7300, 9.5001, -13.7952

Trichromacy



Original Color

171.3680, -18.4224, -17.8627

Protanomaly

174.3920, -21.3923, 1.4102

Deuteranomaly

176.0170, -19.2354, 9.6321

Tritanomaly

174.6730, -0.8248, -15.4992

Monochromacy



Original Color

171.3680, -18.4224, -17.8627

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.5340, -6.6723, -6.6073

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.3680, -18.4224, -17.8627 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, 189, 134)` looks like.

```
.text, #text, p{  
    color:rgb(151, 189, 134)  
}
```

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, 189, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 189, 134) }
```

Border

The CSS property to change the border of an element to YUV 171.3680, -18.4224, -17.8627 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, 189, 134) }
```


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

```
.border{ border-color:rgb(151, 189, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 189, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 189, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 189, 134);  
box-shadow:4px 4px 4px 4px rgb(151, 189,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 171.3680, -18.4224, -17.8627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 189, 134) }
```

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

```
.background{ background-color: rgb(151,  
189, 134) }
```

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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