

Converting Colors

YUV(199.4600, 2.2382,
-17.9434)

Have a look what the booklet for
YUV(199.4600, 2.2382, -17.9434)
contains.

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Color

**YUV(199.4600, 2.2382,
-17.9434)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D1CC
RGB	179, 209, 204
RGB Percent	70%, 82%, 80%
CMY	0.2980, 0.1804, 0.2000
CMYK	0.14, 0.00, 0.02, 0.18
HSL	170°, 25%, 76%
HSV	170°, 14%, 82%
XYZ	52.2900, 59.5443, 65.8640
YIQ	199.4600, -16.2750, -7.9150

Conversions

Conversions Part 2

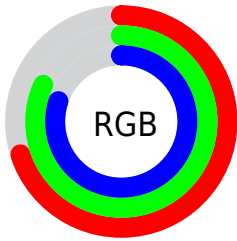
Format	Color
RYB	179, 195, 209
Decimal	11784652
CIELab	81.59, -10.95, -0.89
CIELCh	82, 10.984, 184.630
Yxy	59.5443, 0.2943, 0.3351
Android (android.graphics.Color)	4289974732 (0xFFB3D1CC)
YUV	199.4600, 2.2382, -17.9434
Hunter-Lab	77.1649, -14.0801, 3.4086

Details

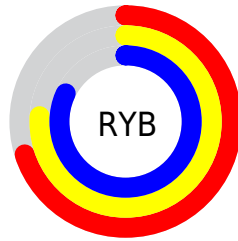
The YUV color $199.4600, 2.2382, -17.9434$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $188.5400, -2.2382, 17.9434$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.0200, 2.9481, -12.2955$, and $145.7590, 2.0908, -17.3286$ is the 20% darker color. If you saturate the color by 10%, you get $192.8390, 4.0234, -30.5538$, and if you desaturate by 10%, it is $206.0810, 0.4531, -5.3330$.

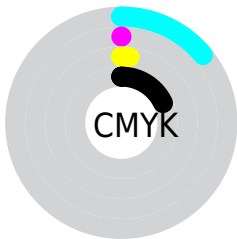
Distribution



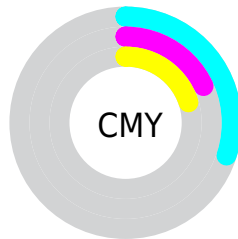
- Red (70%)
- Green (82%)
- Blue (80%)



- Red (70%)
- Yellow (76%)
- Blue (82%)



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



- Cyan (30%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.4600, 2.2382, -17.9434 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 199.4600, 2.2382, -17.9434 by changing the saturation by 10% instead.

■ 199.4600, 2.2382,
-17.9434

■ 199.4600, 2.2382,
-17.9434

255.0000, 0.0000,
0.0000

■ 171.8730, 2.5276,
-17.4286

■ 249.0200, 2.9481,
-12.2955

■ 145.7590, 2.0908,
-17.3286

■ 120.0580, 1.9434,
-16.7139

■ 94.4710, 2.2328,
-16.1991

■ 70.7700, 2.0854,
-15.5843

■ 48.1830, 2.3748,
-15.0695

■ 26.8840, 2.5222,

-15.6843

■ 7.3690, 0.3111,
-6.4626

■ 0.0000, 0.0000,
0.0000

■ 199.4600, 2.2382,
-17.9434

■ 199.4600, 2.2382,
-17.9434

■ 192.8390, 4.0234,
-30.5538

■ 206.0810, 0.4531,
-5.3330

■ 186.1040, 5.3717,
-43.0642

■ 212.8160, -0.8953,
7.1774

■ 179.4830, 7.1569,
-55.6746

■ 219.4370, -2.6804,
19.7878

■ 172.7480, 8.5052,
-68.1850

■ 223.7800, -2.8495,
27.3799

■ 166.1270, 10.2904,
-80.7954

■ 224.1220, -1.5391,
27.0800

■ 159.6910, 11.4913,
-92.6910

■ 224.5780, 0.2080,
26.6801

■ 153.0700, 13.2765,
-105.3014

■ 224.9200, 1.5184,
26.3802

■ 146.3350, 14.6248,
-117.8118

■ 225.3760, 3.2656,
25.9802

■ 142.5190, 15.5201,
-124.9892

■ 225.7180, 4.5760,
25.6803

Harmonies

Analogous

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



200.1250, -3.0196, -11.5106



199.4600, 2.2382, -17.9434



199.4150, 7.1904, -19.6580

Triad

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



199.4600, 2.2382, -17.9434



204.3730, 7.7041, 2.3039



203.2700, -9.5001, 13.7952

Complementary

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



199.4600, 2.2382, -17.9434



188.5400, -2.2382, 17.9434

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.



204.6880, -6.7482, 17.8136



199.4600, 2.2382, -17.9434



204.9890, 3.4564, 11.4106

Square

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



199.4600, 2.2382, -17.9434



202.5890, 10.0626, -7.5326



204.9420, -1.9434, 16.7139



202.6990, -10.2046, 6.4030

Rectangle

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



199.4600, 2.2382, -17.9434



200.2950, 9.2216, -17.7987



204.9420, -1.9434, 16.7139



203.8080, -8.7793, 15.9544

Sweetspot

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



199.4600, 2.2382, -17.9434



251.7820, 0.6005, -5.9478



198.1050, -9.4188, -12.3701



125.6790, 0.1583, -4.1035



0.0000, 0.0000, 0.0000



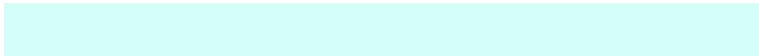
128.0000, 0.0000, 0.0000

Same Dimension

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



199.4600, 2.2382, -17.9434



241.3450, 3.2809, -25.7356



194.1600, 7.3161, -13.2953



101.4830, 0.7479, -6.5626



114.5760, 12.5340, -100.4832



27.9430, 2.9861, -24.5060

Inverse Universe

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



188.5400, -2.2382, 17.9434



225.6550, -3.2809, 25.7356



193.8400, -7.3161, 13.2953



97.5170, -0.7479, 6.5626



53.4240, -12.5340, 100.4832



13.0570, -2.9861, 24.5060

Previews

White Background



This preview shows how the YUV color 199.4600, 2.2382, -17.9434 looks on a white background.

Color Contrast Check

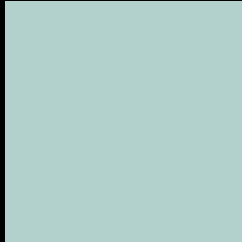
Large Text (above 18pt) WCAG AA × Fail

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 199.4600, 2.2382, -17.9434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

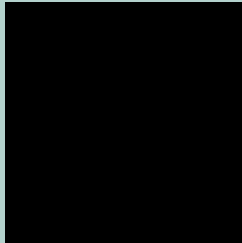
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

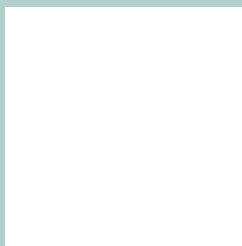
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.4600, 2.2382, -17.9434 Background



This preview shows how black text looks on a background with the YUV color 199.4600, 2.2382, -17.9434.



This preview shows how white text looks on a background with the YUV color 199.4600, 2.2382, -17.9434.

-17.9434.

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

199.4600, 2.2382, -17.9434

Protanopia

202.3810, -1.1738, 3.1739

Deuteranopia

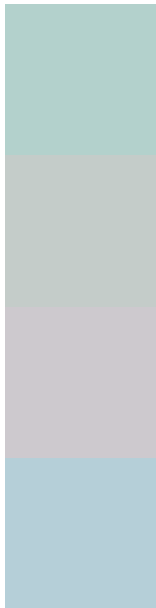
204.4300, 1.2670, 13.6549



Tritanopia

200.7620, 10.9633, -16.4543

Trichromacy



Original Color

199.4600, 2.2382, -17.9434

Protanomaly

201.2660, -0.1311, -4.6183

Deuteranomaly

202.7660, 1.5944, 1.9592

Tritanomaly

200.2520, 7.7638, -16.8840

Monochromacy



Original Color

199.4600, 2.2382, -17.9434

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.4830, 0.7479, -6.5626

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.4600, 2.2382, -17.9434 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(179, 209, 204)` looks like.

```
.text, #text, p{  
    color:rgb(179, 209, 204)  
}
```

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(179, 209, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 209, 204) }
```

Border

The CSS property to change the border of an element to YUV 199.4600, 2.2382, -17.9434 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(179, 209, 204) }
```


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

```
.border{ border-color:rgb(179, 209, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 209, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 209, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 209, 204);  
box-shadow:4px 4px 4px 4px rgb(179, 209,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 199.4600, 2.2382, -17.9434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 209, 204) }
```

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

```
.background{ background-color: rgb(179,  
209, 204) }
```

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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