

Converting Colors

YUV(199.6560, 1.6486,
-15.4843)

Have a look what the booklet for
YUV(199.6560, 1.6486, -15.4843)
contains.

| | |
|--|----|
| YUV(199.6560, 1.6486, -15.4843) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(199.6560, 1.6486,
-15.4843)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B6D0CB |
| RGB | 182, 208, 203 |
| RGB Percent | 71%, 82%, 80% |
| CMY | 0.2863, 0.1843, 0.2039 |
| CMYK | 0.12, 0.00, 0.02, 0.18 |
| HSL | 168°, 22%, 76% |
| HSV | 168°, 12%, 82% |
| XYZ | 52.6268, 59.3686, 65.1855 |
| YIQ | 199.6560, -13.8910, -7.0670 |

Conversions

Conversions Part 2

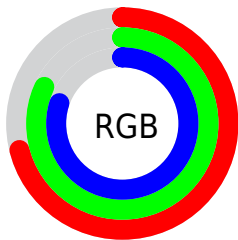
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 182, 196, 208 |
| Decimal | 11981003 |
| CIELab | 81.49, -9.66, -0.47 |
| CIELCh | 81, 9.668, 182.783 |
| Yxy | 59.3686, 0.2970, 0.3351 |
| Android (android.graphics.Color) | 4290171083 (0xFFB6D0CB) |
| YUV | 199.6560, 1.6486, -15.4843 |
| Hunter-Lab | 77.0510, -12.9217, 3.7762 |

Details

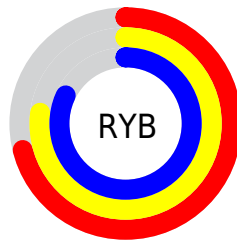
The YUV color $199.6560, 1.6486, -15.4843$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $190.3440, -1.6486, 15.4843$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.9170, 2.5059, -10.4512$, and $145.9550, 1.5012, -14.8695$ is the 20% darker color. If you saturate the color by 10%, you get $192.9210, 2.9969, -27.9947$, and if you desaturate by 10%, it is $206.3910, 0.3002, -2.9739$.

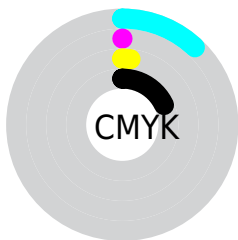
Distribution



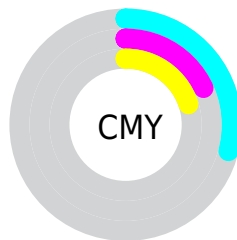
- Red (71%)
- Green (82%)
- Blue (80%)



- Red (71%)
- Yellow (77%)
- Blue (82%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



- Cyan (29%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.6560, 1.6486, -15.4843 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 199.6560, 1.6486, -15.4843 by changing the saturation by 10% instead.

■ 199.6560, 1.6486,
-15.4843

■ 199.6560, 1.6486,
-15.4843

255.0000, 0.0000,
0.0000

■ 172.0690, 1.9380,
-14.9695

■ 249.9170, 2.5059,
-10.4512

■ 145.9550, 1.5012,
-14.8695

■ 120.2540, 1.3538,
-14.2548

■ 95.2540, 1.3538,
-14.2548

■ 71.6670, 1.6432,
-13.7400

■ 48.9660, 1.4958,
-13.1252

■ 27.3790, 1.7852,

-12.6104

■ 7.1410, -0.5625,
-6.2627

■ 0.0000, 0.0000,
0.0000

■ 199.6560, 1.6486,
-15.4843

■ 199.6560, 1.6486,
-15.4843

■ 192.9210, 2.9969,
-27.9947

■ 206.3910, 0.3002,
-2.9739

■ 186.1860, 4.3453,
-40.5051

■ 213.1260, -1.0481,
9.5365

■ 179.7500, 5.5462,
-52.4008

■ 219.5620, -2.2491,
21.4321

■ 173.0150, 6.8946,
-64.9112

■ 223.3070, -2.1234,
27.7948

■ 166.2800, 8.2430,
-77.4216

■ 223.7630, -0.3762,
27.3948

■ 159.5450, 9.5913,
-89.9320

■ 224.2190, 1.3710,
26.9949

■ 152.8100, 10.9397,
-102.4424

■ 224.6750, 3.1182,
26.5950

■ 146.3740, 12.1406,
-114.3380

■ 225.1310, 4.8654,
26.1951

■ 141.2480, 13.1887,
-123.8745

■ 225.5870, 6.6126,
25.7952

Harmonies

Analogous

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



200.1360, -3.0250, -9.7663



199.6560, 1.6486, -15.4843



200.0840, 5.8746, -17.6137

Triad

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



199.6560, 1.6486, -15.4843



203.5470, 7.1253, 1.2743



203.3130, -8.0423, 12.8805

Complementary

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



199.6560, 1.6486, -15.4843



190.3440, -1.6486, 15.4843

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.



204.0190, -5.4324, 15.7693



199.6560, 1.6486, -15.4843



204.5650, 3.1725, 9.1515

Square

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



199.6560, 1.6486, -15.4843



202.2470, 8.7522, -7.2326



204.1590, -1.0644, 14.7696



202.1550, -8.4574, 6.0031

Rectangle

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



199.6560, 1.6486, -15.4843



200.3770, 8.1951, -15.2396



204.1590, -1.0644, 14.7696



203.4380, -7.6109, 14.5249

Sweetspot

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



199.6560, 1.6486, -15.4843



251.7820, 0.6005, -5.9478



198.7570, -8.2612, -10.3109



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.



199.6560, 1.6486, -15.4843



242.8400, 2.5439, -22.6617



195.5300, 6.1477, -11.8658



101.4830, 0.7479, -6.5626



114.1200, 10.7868, -100.0832



27.8290, 2.5493, -24.4060

Inverse Universe

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



190.3440, -1.6486, 15.4843



229.1600, -2.5439, 22.6617



194.4700, -6.1477, 11.8658



97.5170, -0.7479, 6.5626



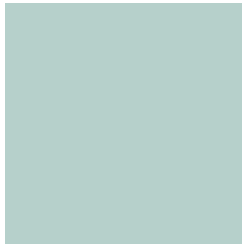
53.8800, -10.7868, 100.0832



13.1710, -2.5493, 24.4060

Previews

White Background



This preview shows how the YUV color 199.6560, 1.6486, -15.4843 looks on a white background.

Color Contrast Check

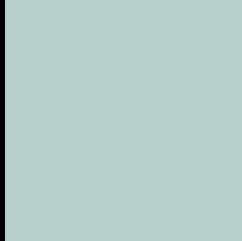
Large Text (above 18pt) WCAG AA × Fail

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 199.6560, 1.6486, -15.4843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

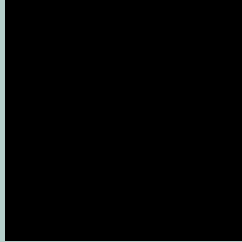
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.6560, 1.6486, -15.4843

Background



This preview shows how black text looks on a background with the YUV color 199.6560, 1.6486, -15.4843.



This preview shows how white text looks on a background with the YUV color 199.6560, 1.6486, -15.4843.

-15.4843.

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

199.6560, 1.6486, -15.4843

Protanopia

202.2670, -1.6106, 3.2738

Deuteranopia

204.2020, 0.3934, 13.8548



Tritanopia

200.8440, 9.9369, -13.8952

Trichromacy



Original Color

199.6560, 1.6486, -15.4843

Protanomaly

201.4510, -0.7153, -3.9035

Deuteranomaly

202.2500, 0.8628, 3.2888

Tritanomaly

200.3340, 6.7373, -14.3249

Monochromacy



Original Color

199.6560, 1.6486, -15.4843

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.7820, 0.6005, -5.9478

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.6560, 1.6486, -15.4843 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(182, 208, 203)` looks like.

```
.text, #text, p{  
    color:rgb(182, 208, 203)  
}
```

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(182, 208, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 208, 203) }
```

Border

The CSS property to change the border of an element to YUV 199.6560, 1.6486, -15.4843 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(182, 208, 203) }
```


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

```
.border{ border-color:rgb(182, 208, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 208, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 208, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 208, 203);  
box-shadow:4px 4px 4px 4px rgb(182, 208,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 199.6560, 1.6486, -15.4843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 208, 203) }
```

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

```
.background{ background-color: rgb(182,  
208, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor