

Converting Colors

YUV(199.0160, 15.7681,
-17.5540)

Have a look what the booklet for
YUV(199.0160, 15.7681, -17.5540)
contains.

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Color

**YUV(199.0160, 15.7681,
-17.5540)**

Conversions

Conversions Part 1

Format	Color
Hex	B3CBE7
RGB	179, 203, 231
RGB Percent	70%, 80%, 91%
CMY	0.2980, 0.2039, 0.0941
CMYK	0.23, 0.12, 0.00, 0.09
HSL	212°, 52%, 80%
HSV	212°, 23%, 91%
XYZ	54.3701, 58.0651, 83.9434
YIQ	199.0160, -23.2920, 3.6200

Conversions

Conversions Part 2

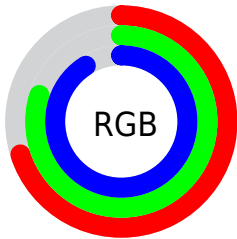
Format	Color
RYB	179, 195, 231
Decimal	11783143
CIELab	80.77, -2.07, -16.54
CIELCh	81, 16.665, 262.852
Yxy	58.0651, 0.2769, 0.2957
Android (android.graphics.Color)	4289973223 (0xFFB3CBE7)
YUV	199.0160, 15.7681, -17.5540
Hunter-Lab	76.2005, -5.9884, -11.9743

Details

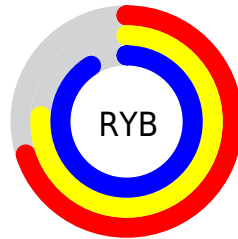
The YUV color **199.0160, 15.7681, -17.5540** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **210.9840, -15.7681, 17.5540**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.0200, 2.9481, -12.2955**, and **144.7880, 14.8945, -17.3541** is the 20% darker color. If you saturate the color by 10%, you get **185.0950, 22.6312, -25.5163**, and if you desaturate by 10%, it is **212.9370, 8.9051, -9.5917**.

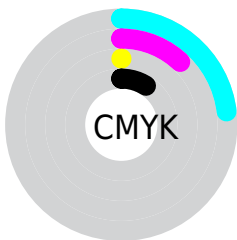
Distribution



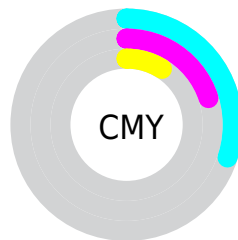
- Red (70%)
- Green (80%)
- Blue (91%)



- Red (70%)
- Yellow (76%)
- Blue (91%)



- Cyan (23%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (30%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.0160, 15.7681, -17.5540 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 199.0160, 15.7681, -17.5540 by changing the saturation by 10% instead.

■ 199.0160, 15.7681,
-17.5540

■ 199.0160, 15.7681,
-17.5540

255.0000, 0.0000,
0.0000

■ 171.9020, 15.3313,
-17.4541

■ 249.0200, 2.9481,
-12.2955

■ 144.7880, 14.8945,
-17.3541

■ 119.0870, 14.7471,
-16.7393

■ 93.9730, 14.3103,
-16.6393

■ 70.4460, 13.5841,
-17.0541

■ 47.0330, 13.2947,
-17.5689

■ 24.3100, 13.1582,

-20.4429

■ 7.0560, 11.8044,
-6.1881

■ 0.2280, 0.8736,
-0.2000

■ 199.0160, 15.7681,
-17.5540

■ 199.0160, 15.7681,
-17.5540

■ 185.0950, 22.6312,
-25.5163

■ 212.9370, 8.9051,
-9.5917

■ 170.5870, 29.7836,
-32.9638

■ 227.4450, 1.7526,
-2.1443

■ 156.6660, 36.6467,
-40.9261

■ 241.3660, -5.1104,
5.8180

■ 142.1580, 43.7991,
-48.3736

■ 251.0900, -9.9044,
3.4291

■ 127.9380, 50.8096,
-56.9506

■ 252.2640,
-10.4832, 2.3995

■ 113.4300, 57.9620,
-64.3981

■ 99.5090, 64.8251,
-72.3604

■ 89.1430, 69.9355,
-78.1784

Harmonies

Analogous

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



196.1950, 14.2009, -28.2350



199.0160, 15.7681, -17.5540



201.8330, 13.3933, -2.4845

Triad

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



199.0160, 15.7681, -17.5540



203.0420, -6.9227, 27.1502



196.5610, -7.6716, -12.7700

Complementary

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



199.0160, 15.7681, -17.5540



210.9840, -15.7681, 17.5540

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.



198.5690, -13.0985, 1.2550



199.0160, 15.7681, -17.5540



201.8260, -12.7322, 23.8316

Square

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



199.0160, 15.7681, -17.5540



203.6700, 0.6557, 23.0914



200.4890, -15.0311, 14.4801



194.9600, 0.5127, -24.5209

Rectangle

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



199.0160, 15.7681, -17.5540



202.6880, 10.0138, 8.1666



200.4890, -15.0311, 14.4801



197.3120, -10.0138, -8.1666

Sweetspot

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



199.0160, 15.7681, -17.5540



243.7480, 5.5472, -5.9180



212.7160, -2.8180, -29.5689



121.1890, 3.3578, -3.6738



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.



199.0160, 15.7681, -17.5540



212.6500, 20.8786, -23.3720



185.5260, 22.4187, -3.9693



107.8900, 3.5052, -4.2885



68.5400, 54.4568, -60.1096



19.9020, 15.3313, -17.4541

Inverse Universe

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



197.2840, 2.8180, 29.5689



210.2790, 3.8065, 39.2203



224.4740, -22.4187, 3.9693



107.2720, 0.8519, 6.7775



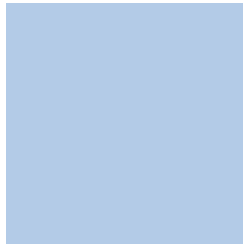
62.8690, 9.4316, 101.8469



17.9850, 2.9654, 28.9542

Previews

White Background



This preview shows how the YUV color 199.0160, 15.7681, -17.5540 looks on a white background.

Color Contrast Check

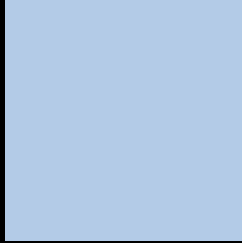
Large Text (above 18pt) WCAG AA × Fail

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 199.0160, 15.7681, -17.5540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

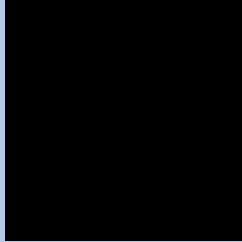
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

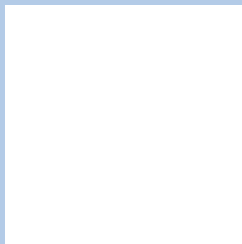
Any Text WCAG AAA ✓ Pass

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

YUV 199.0160, 15.7681, -17.5540 Background



This preview shows how black text looks on a background with the YUV color 199.0160, 15.7681, -17.5540.



This preview shows how white text looks on a background with the YUV color 199.0160, 15.7681, -17.5540.

-17.5540.

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

199.0160, 15.7681, -17.5540

Protanopia

201.1100, 13.2568, -5.3585

Deuteranopia

202.0230, 15.2717, 1.7338



Tritanopia

198.4520, 11.1162, -18.8134

Trichromacy



Original Color

199.0160, 15.7681, -17.5540

Protanomaly

200.0170, 14.2886, -9.6619

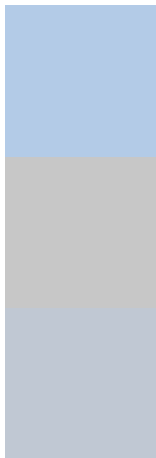
Deuteranomaly

200.9790, 15.2934, -5.2436

Tritanomaly

198.6200, 13.0053, -18.0837

Monochromacy



Original Color

199.0160, 15.7681, -17.5540

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.8620, 5.9840, -6.0180

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.0160, 15.7681, -17.5540 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, 203, 231)` looks like.

```
.text, #text, p{  
    color:rgb(179, 203, 231)  
}
```

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, 203, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 203, 231) }
```

Border

The CSS property to change the border of an element to YUV 199.0160, 15.7681, -17.5540 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, 203, 231) }
```


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

```
.border{ border-color:rgb(179, 203, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 203, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 203, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 203, 231);  
box-shadow:4px 4px 4px 4px rgb(179, 203,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 199.0160, 15.7681, -17.5540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 203, 231) }
```

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

```
.background{ background-color: rgb(179,  
203, 231) }
```

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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