

Converting Colors

YUV(195.5700, -21.4800,
-17.1629)

Have a look what the booklet for
YUV(195.5700, -21.4800, -17.1629)
contains.

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Color

**YUV(195.5700, -21.4800,
-17.1629)**

Conversions

Conversions Part 1

Format	Color
Hex	B0D698
RGB	176, 214, 152
RGB Percent	69%, 84%, 60%
CMY	0.3098, 0.1608, 0.4039
CMYK	0.18, 0.00, 0.29, 0.16
HSL	97°, 43%, 72%
HSV	97°, 29%, 84%
XYZ	47.6186, 59.5902, 38.6981
YIQ	195.5700, -2.7460, -27.3380

Conversions

Conversions Part 2

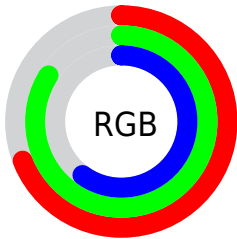
Format	Color
RYB	152, 214, 190
Decimal	11589272
CIELab	81.61, -23.64, 26.63
CIElCh	82, 35.611, 131.592
Yxy	59.5902, 0.3264, 0.4084
Android (android.graphics.Color)	4289779352 (0xFFB0D698)
YUV	195.5700, -21.4800, -17.1629
Hunter-Lab	77.1947, -24.9807, 24.3139

Details

The YUV color **195.5700, -21.4800, -17.1629** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **170.4300, 21.4800, 17.1629**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.6510, -17.5759, -9.3409**, and **141.5100, -20.4644, -16.2333** is the 20% darker color. If you saturate the color by 10%, you get **189.2890, -28.7365, -23.0555**, and if you desaturate by 10%, it is **201.8510, -14.2235, -11.2703**.

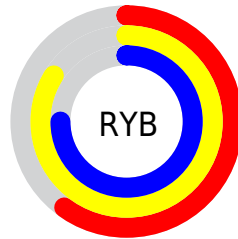
Distribution



Red (69%)

Green (84%)

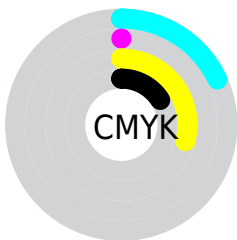
Blue (60%)



Red (60%)

Yellow (84%)

Blue (75%)

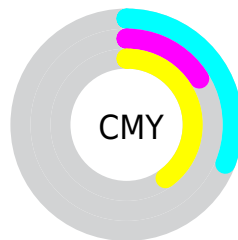


Cyan (18%)

Magenta (0%)

Yellow (29%)

Black (16%)



Cyan (31%)

Magenta (16%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.5700, -21.4800, -17.1629 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 195.5700, -21.4800, -17.1629 by changing the saturation by 10% instead.

■ 195.5700,
-21.4800, -17.1629

■ 195.5700,
-21.4800, -17.1629

255.0000, 0.0000,
0.0000

■ 168.0970,
-20.7538, -16.7481

■ 242.6510,
-17.5759, -9.3409

■ 141.5100,
-20.4644, -16.2333

■ 252.7200, -8.7360,
1.9996

■ 115.7380,
-19.5908, -16.4332

■ 90.3790, -18.4278,
-16.1184

■ 66.4930, -17.9910,
-16.2184

■ 43.1940, -17.8436,
-16.8331

■ 22.6050, -11.1443,

-18.9476

■ 6.4570, -3.1833,
-5.6628

■ 0.0000, 0.0000,
0.0000

■ 195.5700,
-21.4800, -17.1629

■ 195.5700,
-21.4800, -17.1629

■ 189.2890,
-28.7365, -23.0555

■ 201.8510,
-14.2235, -11.2703

■ 182.8940,
-36.4297, -28.8480

■ 208.2460, -6.5303,
-5.4777

■ 176.6130,
-43.6862, -34.7406

■ 214.5270, 0.7262,
0.4148

■ 170.2180,
-51.3795, -40.5332

■ 220.9220, 8.4195,
6.2074

■ 163.6380,
-58.4885, -47.0405

■ 227.0460, 13.7813,
13.1147

■ 157.3570,
-65.7450, -52.9331

■ 230.9330, 11.8650,
21.1068

■ 150.9620,
-73.4383, -58.7257

■ 150.4350,
-74.1645, -59.1405

Harmonies

Analogous

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



199.6400, -30.8815, 11.7167



195.5700, -21.4800, -17.1629



190.7370, -4.8003, -47.1273

Triad

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



195.5700, -21.4800, -17.1629



191.7860, 31.1645, -55.9403



202.5050, -5.6720, 46.0381

Complementary

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



195.5700, -21.4800, -17.1629



170.4300, 21.4800, 17.1629

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.



207.5550, 8.6004, 41.6093



195.5700, -21.4800, -17.1629



200.8660, 26.6881, -20.0535

Square

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



195.5700, -21.4800, -17.1629



184.7030, 30.2194, -79.5465



207.3480, 22.5064, 14.6038



201.9060, -20.6597, 46.5634

Rectangle

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



195.5700, -21.4800, -17.1629



186.4710, 8.6418, -65.3111



207.3480, 22.5064, 14.6038



203.7590, -0.8672, 44.9384

Sweetspot

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



195.5700, -21.4800, -17.1629



248.1920, -7.9827, -6.3074



192.2570, -19.8467, 19.0686



123.5990, -5.2253, -4.0333



0.0000, 0.0000, 0.0000



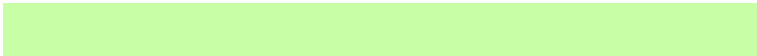
128.0000, 0.0000, 0.0000

Same Dimension

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



195.5700, -21.4800, -17.1629



228.4090, -30.7676, -24.9147



189.0780, -15.3215, -32.5174



103.9520, -3.9203, -2.5889



120.1110, -59.2147, -47.4553



30.3240, -14.9497, -11.6851

Inverse Universe

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



170.4300, 21.4800, 17.1629



192.2920, 30.9150, 24.2999



176.9220, 15.3215, 32.5174



99.3470, 3.7729, 3.2037



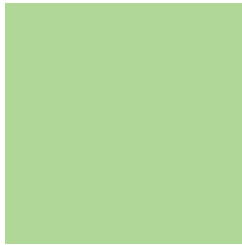
50.8890, 59.2147, 47.4553



12.9750, 14.8023, 12.2999

Previews

White Background



This preview shows how the YUV color 195.5700, -21.4800, -17.1629 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 195.5700, -21.4800, -17.1629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

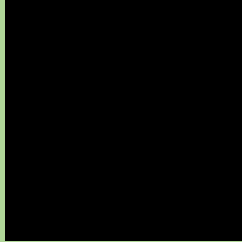
Any Text WCAG AA ✓ Pass

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 195.5700, -21.4800, -17.1629 Background



This preview shows how black text looks on a background with the YUV color 195.5700, -21.4800, -17.1629.



This preview shows how white text looks on a background with the YUV color 195.5700, -21.4800, -17.1629.

-17.1629.

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

195.5700, -21.4800, -17.1629

Protanopia

200.5140, -26.3824, 15.3352

Deuteranopia

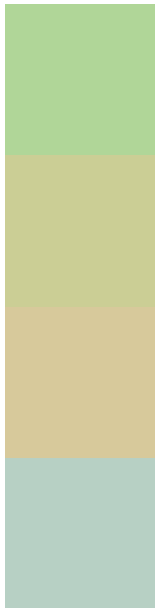
202.5250, -22.9368, 30.2346



Tritanopia

201.4420, 9.6421, -12.6656

Trichromacy



Original Color

195.5700, -21.4800, -17.1629

Protanomaly

198.6050, -24.4553, 3.8544

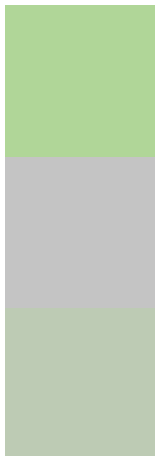
Deuteranomaly

199.9420, -22.1564, 13.2059

Tritanomaly

199.1570, -1.5564, -14.1697

Monochromacy



Original Color

195.5700, -21.4800, -17.1629

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.1920, -7.9827, -6.3074

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.5700, -21.4800, -17.1629 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(176, 214, 152)` looks like.

```
.text, #text, p{  
    color:rgb(176, 214, 152)  
}
```

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(176, 214, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 214, 152) }
```

Border

The CSS property to change the border of an element to YUV 195.5700, -21.4800, -17.1629 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(176, 214, 152) }
```


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

```
.border{ border-color:rgb(176, 214, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 214, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 214, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 214, 152);  
box-shadow:4px 4px 4px 4px rgb(176, 214,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 195.5700, -21.4800, -17.1629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 214, 152) }
```

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

```
.background{ background-color: rgb(176,  
214, 152) }
```

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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