

Converting Colors

YUV(195.6450, 1.6540,
-17.2287)

Have a look what the booklet for
YUV(195.6450, 1.6540, -17.2287)
contains.

YUV(195.6450, 1.6540, -17.2287)	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(195.6450, 1.6540,
-17.2287)**

Conversions

Conversions Part 1

Format	Color
Hex	B0CDC7
RGB	176, 205, 199
RGB Percent	69%, 80%, 78%
CMY	0.3098, 0.1961, 0.2196
CMYK	0.14, 0.00, 0.03, 0.20
HSL	168°, 22%, 75%
HSV	168°, 14%, 80%
XYZ	50.0446, 57.0163, 62.4004
YIQ	195.6450, -15.3580, -8.0140

Conversions

Conversions Part 2

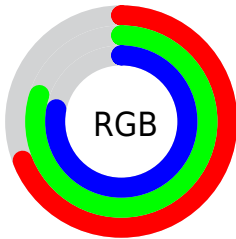
Format	Color
R _{YB}	176, 192, 205
Decimal	11587015
CIE Lab	80.19, -10.86, -0.28
CIE LCh	80, 10.863, 181.498
Yxy	57.0163, 0.2953, 0.3365
Android (android.graphics.Color)	4289777095 (0xFFB0CDC7)
YUV	195.6450, 1.6540, -17.2287
Hunter-Lab	75.5091, -13.8378, 3.8594

Details

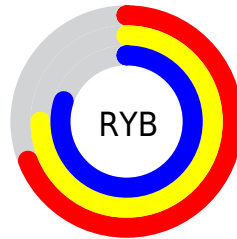
The YUV color $195.6450, 1.6540, -17.2287$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $185.3550, -1.6540, 17.2287$, and the grayscale version is $196.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.1230, 3.3904, -14.1399$, and $141.9440, 1.5066, -16.6139$ is the 20% darker color. If you saturate the color by 10%, you get $189.2090, 2.8550, -29.1243$, and if you desaturate by 10%, it is $202.3800, 0.3057, -4.7183$.

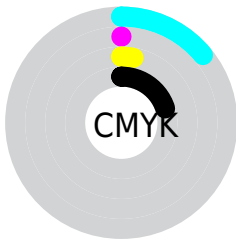
Distribution



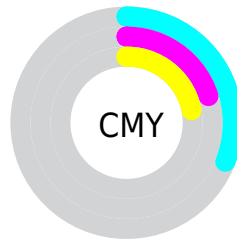
- Red (69%)
- Green (80%)
- Blue (78%)



- Red (69%)
- Yellow (75%)
- Blue (80%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (31%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.6450, 1.6540, -17.2287 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 195.6450, 1.6540, -17.2287 by changing the saturation by 10% instead.

■ 195.6450, 1.6540,
-17.2287

■ 195.6450, 1.6540,
-17.2287

255.0000, 0.0000,
0.0000

■ 168.6450, 1.6540,
-17.2287

■ 248.1230, 3.3904,
-14.1399

■ 141.9440, 1.5066,
-16.6139

■ 116.3570, 1.7960,
-16.0991

■ 91.6560, 1.6486,
-15.4843

■ 67.9550, 1.5012,
-14.8695

■ 45.0690, 1.9380,
-14.9695

■ 24.0690, 1.9380,

-14.9695

■ 0.7010, 0.1474,
-0.6148

■ 0.0000, 0.0000,
0.0000

■ 195.6450, 1.6540,
-17.2287

■ 195.6450, 1.6540,
-17.2287

■ 189.2090, 2.8550,
-29.1243

■ 202.3800, 0.3057,
-4.7183

■ 182.4740, 4.2033,
-41.6347

■ 208.8160, -0.8953,
7.1774

■ 175.9240, 4.9675,
-53.4303

■ 215.6650, -1.8068,
19.5878

■ 169.1890, 6.3158,
-65.9408

■ 221.2040, -2.5656,
29.6391

■ 162.4540, 7.6642,
-78.4512

■ 221.6600, -0.8184,
29.2392

■ 156.0180, 8.8651,
-90.3468

■ 222.1160, 0.9288,
28.8393

■ 149.1690, 9.7767,
-102.7572

■ 222.6860, 3.1128,
28.3394

■ 142.7330, 10.9776,
-114.6528

■ 223.1420, 4.8600,
27.9395

■ 138.9170, 11.8729,
-121.8302

■ 223.5980, 6.6072,
27.5396

Harmonies

Analogous

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



196.3100, -3.6038, -10.7959



195.6450, 1.6540, -17.2287



196.1870, 6.3168, -19.4580

Triad

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



195.6450, 1.6540, -17.2287



200.0740, 7.8515, 1.6891



199.6830, -9.2107, 14.3100

Complementary

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



195.6450, 1.6540, -17.2287



185.3550, -1.6540, 17.2287

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.



200.9160, -5.8746, 17.6137



195.6450, 1.6540, -17.2287



200.8040, 4.0406, 10.6959

Square

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



195.6450, 1.6540, -17.2287



198.8770, 9.9206, -8.6621



201.1700, -1.0698, 16.5139



198.5250, -9.6258, 7.4326

Rectangle

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



195.6450, 1.6540, -17.2287



196.1810, 8.7848, -17.6987



201.1700, -1.0698, 16.5139



199.9220, -8.3425, 15.8544

Sweetspot

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



195.6450, 1.6540, -17.2287



251.7820, 0.6005, -5.9478



194.8170, -9.2768, -11.2405



125.6790, 0.1583, -4.1035



0.0000, 0.0000, 0.0000



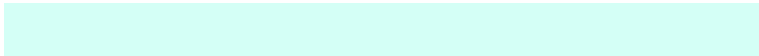
128.0000, 0.0000, 0.0000

Same Dimension

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



195.6450, 1.6540, -17.2287



241.1170, 2.4073, -25.5356



191.6330, 6.5899, -13.7101



98.7820, 0.6005, -5.9478



112.3760, 9.1816, -98.5538



25.7260, 2.1071, -22.5617

Inverse Universe

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



185.3550, -1.6540, 17.2287



225.8830, -2.4073, 25.5356



189.3670, -6.5899, 13.7101



95.2180, -0.6005, 5.9478



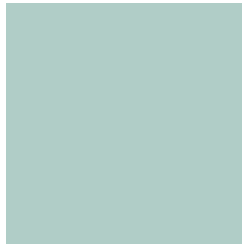
53.5100, -9.6184, 98.6537



12.2740, -2.1071, 22.5617

Previews

White Background



This preview shows how the YUV color 195.6450, 1.6540, -17.2287 looks on a white background.

Color Contrast Check

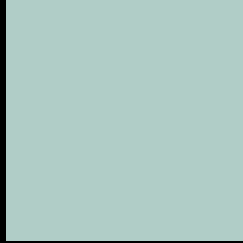
Large Text (above 18pt) WCAG AA × Fail

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 195.6450, 1.6540, -17.2287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

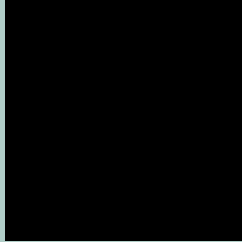
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

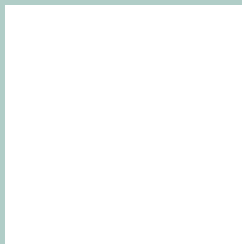
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 195.6450, 1.6540, -17.2287

Background



This preview shows how black text looks on a background with the YUV color 195.6450, 1.6540, -17.2287.



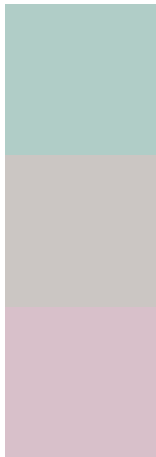
This preview shows how white text looks on a background with the YUV color 195.6450, 1.6540, -17.2287.

-17.2287.

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

195.6450, 1.6540, -17.2287

Protanopia

199.1530, -2.0474, 3.3738

Deuteranopia

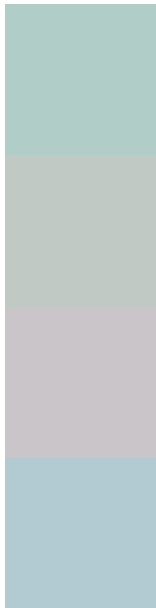
200.3160, 0.8302, 13.7549



Tritanopia

196.9470, 10.3791, -15.7395

Trichromacy



Original Color

195.6450, 1.6540, -17.2287

Protanomaly

198.0380, -1.0047, -4.4183

Deuteranomaly

198.6520, 1.1576, 2.0592

Tritanomaly

196.4370, 7.1796, -16.1692

Monochromacy



Original Color

195.6450, 1.6540, -17.2287

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.7820, 0.6005, -5.9478

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.6450, 1.6540, -17.2287 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, 205, 199)` looks like.

```
.text, #text, p{  
    color:rgb(176, 205, 199)  
}
```

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, 205, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 205, 199) }
```

Border

The CSS property to change the border of an element to YUV 195.6450, 1.6540, -17.2287 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, 205, 199) }
```


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

```
.border{ border-color:rgb(176, 205, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 205, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 205, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 205, 199);  
box-shadow:4px 4px 4px 4px rgb(176, 205,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 195.6450, 1.6540, -17.2287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 205, 199) }
```

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

```
.background{ background-color: rgb(176,  
205, 199) }
```

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