

Converting Colors

YUV(195.7880, 4.5415,
-56.8191)

Have a look what the booklet for
YUV(195.7880, 4.5415, -56.8191)
contains.

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Color

**YUV(195.7880, 4.5415,
-56.8191)**

Conversions

Conversions Part 1

Format	Color
Hex	83E3CD
RGB	131, 227, 205
RGB Percent	51%, 89%, 80%
CMY	0.4863, 0.1098, 0.1961
CMYK	0.42, 0.00, 0.10, 0.11
HSL	166°, 63%, 70%
HSV	166°, 42%, 89%
XYZ	47.8486, 64.1712, 67.6220
YIQ	195.7880, -50.1540, -27.1940

Conversions

Conversions Part 2

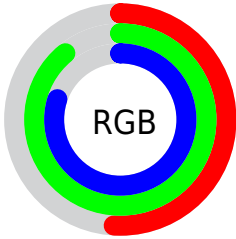
Format	Color
RYB	131, 185, 227
Decimal	8643533
CIELab	84.05, -33.52, 1.87
CIElCh	84, 33.570, 176.804
Yxy	64.1712, 0.2664, 0.3572
Android (android.graphics.Color)	4286833613 (0xFF83E3CD)
YUV	195.7880, 4.5415, -56.8191
Hunter-Lab	80.1070, -33.5675, 6.0254

Details

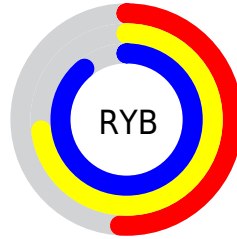
The YUV color **195.7880, 4.5415, -56.8191** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **162.2120, -4.5415, 56.8191**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.9670, 9.8763, -41.1901**, and **139.7170, 5.5625, -57.6338** is the 20% darker color. If you saturate the color by 10%, you get **188.3410, 5.7479, -70.4591**, and if you desaturate by 10%, it is **203.2350, 3.3351, -43.1791**.

Distribution



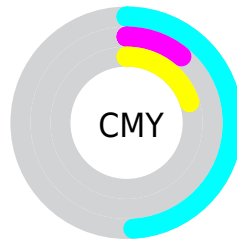
- Red (51%)
- Green (89%)
- Blue (80%)



- Red (51%)
- Yellow (73%)
- Blue (89%)



- Cyan (42%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)



- Cyan (49%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.7880, 4.5415, -56.8191 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 195.7880, 4.5415, -56.8191 by changing the saturation by 10% instead.

■ 195.7880, 4.5415,
-56.8191

■ 195.7880, 4.5415,
-56.8191

■ 255.0000, 0.0000,
0.0000

■ 167.9020, 4.9783,
-56.9191

■ 234.9670, 9.8763,
-41.1901

■ 139.7170, 5.5625,
-57.6338

■ 243.6380, 5.6015,
-23.3615

■ 111.6350, 6.5889,
-60.1929

■ 252.6080, 1.1793,
-4.9182

■ 80.6660, 9.5317,
-70.7441

■ 63.2550, 6.2833,
-55.4746

■ 46.6590, 3.6191,
-40.9199

■ 30.6500, 0.6656,

-26.8800

■ 14.5270, -2.7248,
-12.7402

■ 0.0000, 0.0000,
0.0000

■ 195.7880, 4.5415,
-56.8191

■ 195.7880, 4.5415,
-56.8191

■ 188.3410, 5.7479,
-70.4591

■ 203.2350, 3.3351,
-43.1791

■ 181.1930, 6.8069,
-83.4843

■ 210.3830, 2.2762,
-30.1539

■ 173.6320, 7.5764,
-97.0243

■ 217.9440, 1.5066,
-16.6139

■ 166.1850, 8.7828,
-110.6642

■ 225.3910, 0.3002,
-2.9739

■ 158.7380, 9.9892,
-124.3042

■ 232.8380, -0.9061,
10.6661

■ 153.1990, 10.7479,
-134.3555

■ 236.3980, -0.1962,
16.3140

■ 236.9680, 1.9878,
15.8141

■ 237.6520, 4.6086,
15.2142

■ 238.2220, 6.7926,
14.7143

Harmonies

Analogous

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



200.3710, -13.0009, -30.1434



195.7880, 4.5415, -56.8191



193.4560, 21.4672, -72.3139

Triad

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



195.7880, 4.5415, -56.8191



211.0210, 21.6816, -0.8954



209.3090, -25.2953, 40.0710

Complementary

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



195.7880, 4.5415, -56.8191



162.2120, -4.5415, 56.8191

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.



207.4630, -12.0603, 41.6899



195.7880, 4.5415, -56.8191



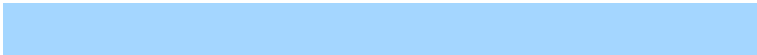
214.4870, 15.0429, 28.5139

Square

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



195.7880, 4.5415, -56.8191



203.7240, 25.2791, -34.8379



209.8230, 2.0593, 39.6202



207.9450, -30.0459, 23.7272

Rectangle

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



195.7880, 4.5415, -56.8191



194.9430, 29.6081, -70.1100



209.8230, 2.0593, 39.6202



208.3460, -21.3696, 40.9156

Sweetspot

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



195.7880, 4.5415, -56.8191



244.2210, 1.3700, -19.4878



193.9300, -31.0245, -35.8956



121.1510, 0.9116, -12.4104



0.0000, 0.0000, 0.0000



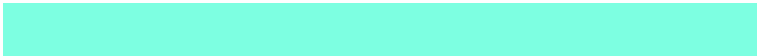
128.0000, 0.0000, 0.0000

Same Dimension

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



195.7880, 4.5415, -56.8191



212.7100, 6.0590, -76.9217



183.0340, 21.6752, -45.6338



111.0700, 0.4585, -7.0774



120.8050, 8.4771, -105.9460



34.3830, 2.2762, -30.1539

Inverse Universe

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



162.2120, -4.5415, 56.8191



167.2900, -6.0590, 76.9217



174.9660, -21.6752, 45.6338



106.9300, -0.4585, 7.0774



58.1950, -8.4771, 105.9460



16.6170, -2.2762, 30.1539

Previews

White Background



This preview shows how the YUV color 195.7880, 4.5415, -56.8191 looks on a white background.

Color Contrast Check

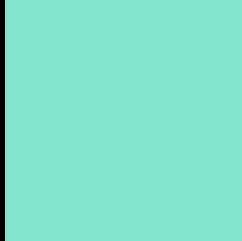
Large Text (above 18pt) WCAG AA × Fail

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 195.7880, 4.5415, -56.8191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

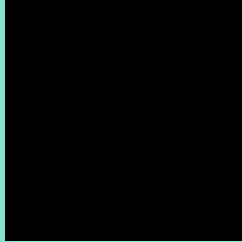
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

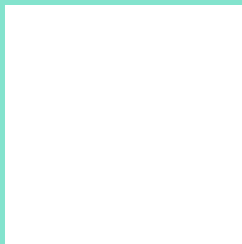
Any Text WCAG AAA ✓ Pass

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

YUV 195.7880, 4.5415, -56.8191 Background



This preview shows how black text looks on a background with the YUV color 195.7880, 4.5415, -56.8191.



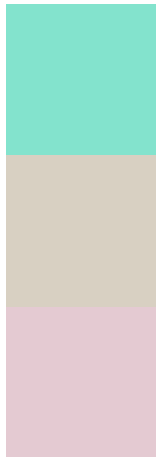
This preview shows how white text looks on a background with the YUV color 195.7880, 4.5415, -56.8191.

-56.8191.

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

195.7880, 4.5415, -56.8191

Protanopia

208.7960, -7.2944, 6.3179

Deuteranopia

210.6860, -0.3382, 15.1844



Tritanopia

199.5340, 19.9497, -52.2113

Trichromacy



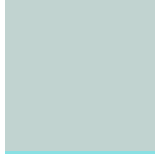
Original Color

195.7880, 4.5415, -56.8191



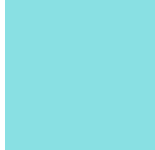
Protanomaly

204.0920, -3.0034, -16.7437



Deuteranomaly

205.2760, 1.3429, -10.7661



Tritanomaly

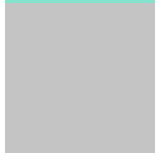
198.3290, 14.1348, -53.7855

Monochromacy



Original Color

195.7880, 4.5415, -56.8191



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

195.6230, 1.6649, -20.7174

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.7880, 4.5415, -56.8191 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(131, 227, 205)` looks like.

```
.text, #text, p{  
    color:rgb(131, 227, 205)  
}
```

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(131, 227, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 227, 205) }
```

Border

The CSS property to change the border of an element to YUV 195.7880, 4.5415, -56.8191 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(131, 227, 205) }
```


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

```
.border{ border-color:rgb(131, 227, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 227, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 227, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 227, 205); box-shadow:4px 4px 4px 4px rgb(131, 227, 205) }
```

Background

The CSS property to change the background color of an element to YUV 195.7880, 4.5415, -56.8191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 227, 205) }
```

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

```
.background{ background-color: rgb(131,  
227, 205) }
```

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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