

Converting Colors

YUV(186.9680, 21.7078,
-56.0999)

Have a look what the booklet for
YUV(186.9680, 21.7078, -56.0999)
contains.

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Color

**YUV(186.9680, 21.7078,
-56.0999)**

Conversions

Conversions Part 1

Format	Color
Hex	7BD3E7
RGB	123, 211, 231
RGB Percent	48%, 83%, 91%
CMY	0.5176, 0.1725, 0.0941
CMYK	0.47, 0.09, 0.00, 0.09
HSL	191°, 69%, 69%
HSV	191°, 47%, 91%
XYZ	45.8864, 56.5690, 84.1017
YIQ	186.9680, -58.8680, -12.4360

Conversions

Conversions Part 2

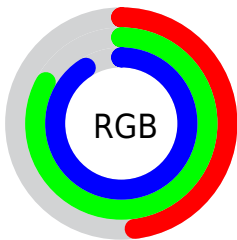
Format	Color
R _{YB}	123, 171, 231
Decimal	8115175
CIE Lab	79.94, -21.28, -18.10
CIE LCh	80, 27.934, 220.377
Yxy	56.5690, 0.2460, 0.3032
Android (android.graphics.Color)	4286305255 (0xFF7BD3E7)
YUV	186.9680, 21.7078, -56.0999
Hunter-Lab	75.2124, -22.7203, -13.6488

Details

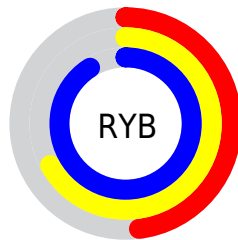
The YUV color **186.9680, 21.7078, -56.0999** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **167.0320, -21.7078, 56.0999**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.8740, 10.9081, -45.4935**, and **130.3590, 22.0080, -59.0738** is the 20% darker color. If you saturate the color by 10%, you get **177.7430, 26.2557, -68.1806**, and if you desaturate by 10%, it is **196.1930, 17.1599, -44.0193**.

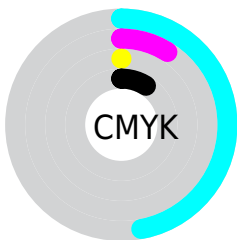
Distribution



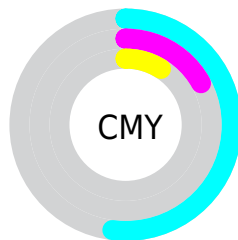
- Red (48%)
- Green (83%)
- Blue (91%)



- Red (48%)
- Yellow (67%)
- Blue (91%)



- Cyan (47%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (52%)
- Magenta (17%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.9680, 21.7078, -56.0999 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 186.9680, 21.7078, -56.0999 by changing the saturation by 10% instead.

■ 186.9680, 21.7078,
-56.0999

■ 186.9680, 21.7078,
-56.0999

■ 255.0000, 0.0000,
0.0000

■ 158.6690, 21.8552,
-56.7147

■ 232.8740, 10.9081,
-45.4935

■ 130.3590, 22.0080,
-59.0738

■ 241.5450, 6.6333,
-27.6650

■ 101.0700, 23.6295,
-65.8364

■ 250.5150, 2.2111,
-9.2217

■ 75.6570, 23.3401,
-66.3512

■ 58.1320, 19.6549,
-50.9818

■ 41.8950, 15.8278,
-36.7419

■ 26.9460, 11.8586,

-23.6316

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 186.9680, 21.7078,
-56.0999

■ 186.9680, 21.7078,
-56.0999

■ 177.7430, 26.2557,
-68.1806

■ 196.1930, 17.1599,
-44.0193

■ 167.9310, 31.0930,
-79.7465

■ 206.0050, 12.3225,
-32.4534

■ 158.7060, 35.6409,
-91.8272

■ 215.2300, 7.7746,
-20.3727

■ 149.4810, 40.1889,
-103.9078

■ 224.4550, 3.2267,
-8.2920

■ 140.2560, 44.7368,
-115.9885

■ 233.9790, -1.4686,
4.4034

■ 136.6900, 46.4948,
-119.8771

■ 241.6980, -5.2741,
11.6659

■ 244.0460, -6.4317,
9.6067

■ 246.3940, -7.5892,
7.5475

■ 248.7420, -8.7468,
5.4883

Harmonies

Analogous

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



186.6020, 10.0562, -52.2710



186.9680, 21.7078, -56.0999



192.1360, 27.0480, -42.2153

Triad

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



186.9680, 21.7078, -56.0999



202.3320, 6.7383, 32.1578



195.7630, -24.0402, 10.7318

Complementary

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



186.9680, 21.7078, -56.0999



167.0320, -21.7078, 56.0999

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.



198.8840, -24.0998, 29.9197



186.9680, 21.7078, -56.0999



201.7820, -5.8085, 43.1642

Square

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



186.9680, 21.7078, -56.0999



201.4740, 18.0073, 10.9853



200.4970, -17.0070, 41.6601



193.0420, -17.2757, -12.3148

Rectangle

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



186.9680, 21.7078, -56.0999



195.8330, 26.7043, -25.2865



200.4970, -17.0070, 41.6601



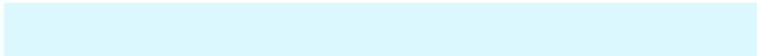
197.1660, -25.2248, 17.3944

Sweetspot

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



186.9680, 21.7078, -56.0999



240.1270, 7.3324, -18.5284



188.6760, -22.5183, -57.5979



118.4870, 4.6899, -10.9511



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.



186.9680, 21.7078, -56.0999



196.9810, 28.6034, -74.5283



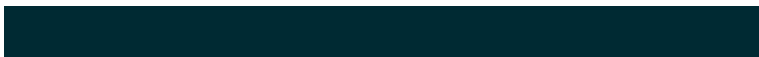
155.2700, 37.3349, -28.3008



110.2380, 2.3477, -6.3477



105.5210, 36.2251, -92.5419



30.4680, 10.1223, -26.7204

Inverse Universe

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



165.3240, 22.5183, 57.5979



168.0950, 30.0262, 76.2157



198.7300, -37.3349, 28.3008



107.7280, 2.5991, 6.3775



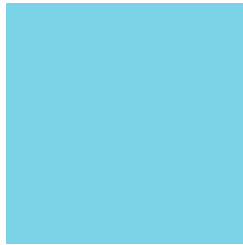
70.0510, 36.9499, 95.5483



20.0370, 10.8278, 27.1546

Previews

White Background



This preview shows how the YUV color 186.9680, 21.7078, -56.0999 looks on a white background.

Color Contrast Check

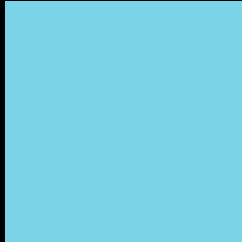
Large Text (above 18pt) WCAG AA × Fail

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 186.9680, 21.7078, -56.0999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

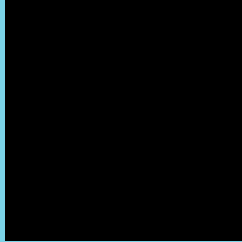
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.9680, 21.7078, -56.0999

Background



This preview shows how black text looks on a background with the YUV color 186.9680, 21.7078, -56.0999.



This preview shows how white text looks on a background with the YUV color 186.9680, 21.7078, -56.0999.

-56.0999.

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

186.9680, 21.7078, -56.0999

Protanopia

198.2520, 11.2148, -3.7290

Deuteranopia

199.2830, 17.6085, -1.1252



Tritanopia

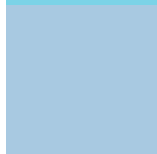
186.3270, 20.5448, -56.4148

Trichromacy



Original Color

186.9680, 21.7078, -56.0999



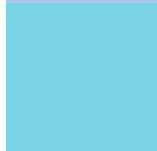
Protanomaly

193.8690, 15.3476, -22.6871



Deuteranomaly

195.2050, 19.1259, -21.2278



Tritanomaly

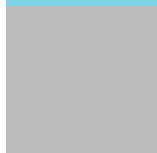
186.4410, 20.9816, -56.5148

Monochromacy



Original Color

186.9680, 21.7078, -56.0999



Achromatopsia

187.0000, 0.0000, 0.0000



Achromatomaly

187.2300, 7.7746, -20.3727

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.9680, 21.7078, -56.0999 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(123, 211, 231)` looks like.

```
.text, #text, p{  
    color:rgb(123, 211, 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(123, 211, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 211, 231) }
```

Border

The CSS property to change the border of an element to YUV 186.9680, 21.7078, -56.0999 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(123, 211, 231) }
```


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

```
.border{ border-color:rgb(123, 211, 231) }
```

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

Here you see how a box with a 4 pixel rgb(123, 211, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 211, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 211, 231);  
box-shadow:4px 4px 4px 4px rgb(123, 211,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 186.9680, 21.7078, -56.0999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 211, 231) }
```

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

```
.background{ background-color: rgb(123,  
211, 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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