

Converting Colors

YUV(197.9680, 21.7078,
-56.0999)

Have a look what the booklet for
YUV(197.9680, 21.7078, -56.0999)
contains.

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Color

**YUV(197.9680, 21.7078,
-56.0999)**

Conversions

Conversions Part 1

Format	Color
Hex	86DEF2
RGB	134, 222, 242
RGB Percent	53%, 87%, 95%
CMY	0.4745, 0.1294, 0.0510
CMYK	0.45, 0.08, 0.00, 0.05
HSL	191°, 81%, 74%
HSV	191°, 45%, 95%
XYZ	51.9798, 63.7217, 93.5643
YIQ	197.9680, -58.8680, -12.4360

Conversions

Conversions Part 2

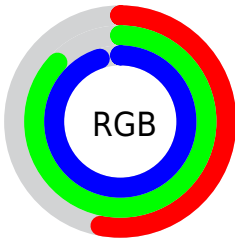
Format	Color
RYB	134, 182, 242
Decimal	8838898
CIELab	83.82, -21.38, -18.04
CIElCh	84, 27.970, 220.160
Yxy	63.7217, 0.2484, 0.3045
Android (android.graphics.Color)	4287028978 (0xFF86DEF2)
YUV	197.9680, 21.7078, -56.0999
Hunter-Lab	79.8259, -23.4623, -13.6160

Details

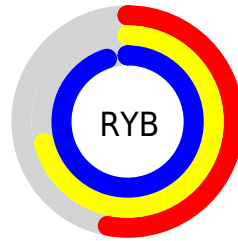
The YUV color **197.9680, 21.7078, -56.0999** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **178.0320, -21.7078, 56.0999**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.1630, 9.2866, -38.7310**, and **141.6580, 21.8606, -58.4591** is the 20% darker color. If you saturate the color by 10%, you get **188.4440, 26.4031, -68.7954**, and if you desaturate by 10%, it is **207.4920, 17.0124, -43.4045**.

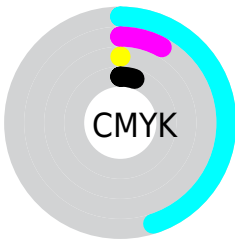
Distribution



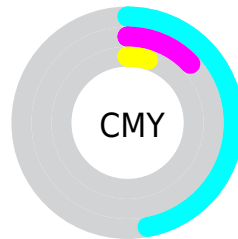
- Red (53%)
- Green (87%)
- Blue (95%)



- Red (53%)
- Yellow (71%)
- Blue (95%)



- Cyan (45%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (47%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.9680, 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 197.9680, 21.7078, -56.0999 by changing the saturation by 10% instead.

■ 197.9680, 21.7078,
-56.0999

■ 197.9680, 21.7078,
-56.0999

■ 255.0000, 0.0000,
0.0000

■ 169.6690, 21.8552,
-56.7147

■ 236.1630, 9.2866,
-38.7310

■ 141.6580, 21.8606,
-58.4591

■ 244.8340, 5.0118,
-20.9024

■ 112.8640, 22.7450,
-62.1477

■ 253.8040, 0.5896,
-2.4591

■ 82.6670, 24.8142,
-72.4990

■ 65.0280, 20.6922,
-57.0296

■ 48.2040, 17.1544,
-42.2749

■ 32.6680, 13.4747,

-28.6498

■ 17.8330, 9.9423,
-15.6395

■ 2.5250, 7.1362,
-2.2144

■ 197.9680, 21.7078,
-56.0999

■ 197.9680, 21.7078,
-56.0999

■ 188.4440, 26.4031,
-68.7954

■ 207.4920, 17.0124,
-43.4045

■ 178.3330, 31.3878,
-80.9760

■ 217.6030, 12.0277,
-31.2238

■ 168.5100, 36.2306,
-94.2863

■ 227.4260, 7.1850,
-17.9136

■ 158.3990, 41.2153,
-106.4669

■ 237.5370, 2.2003,
-5.7329

■ 148.8750, 45.9106,
-119.1624

■ 247.0610, -2.4951,
6.9625

■ 143.2270, 48.6951,
-125.6101

■ 249.9960, -3.9420,
4.3885

■ 252.3440, -5.0996,
2.3293

■ 253.5180, -5.6784,
1.2997

Harmonies

Analogous

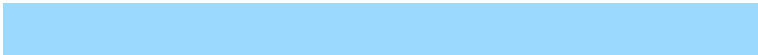
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



197.4880, 9.6194, -52.1710



197.9680, 21.7078, -56.0999



202.7940, 25.7376, -41.9153

Triad

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



197.9680, 21.7078, -56.0999



213.3320, 6.7383, 32.1578



206.6490, -24.4770, 10.8318

Complementary

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



197.9680, 21.7078, -56.0999



178.0320, -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.



209.1830, -24.2472, 30.5345



197.9680, 21.7078, -56.0999



210.6890, -4.7767, 38.8607

Square

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



197.9680, 21.7078, -56.0999



212.1750, 18.1547, 10.3705



210.1870, -16.8542, 39.3010



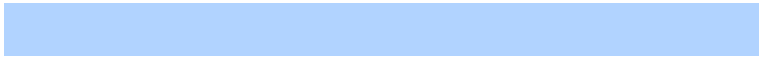
203.9280, -17.7125, -12.2149

Rectangle

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



197.9680, 21.7078, -56.0999



205.8500, 24.2310, -25.3014



210.1870, -16.8542, 39.3010



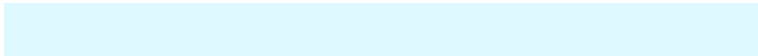
207.4650, -25.3722, 18.0092

Sweetspot

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



197.9680, 21.7078, -56.0999



241.6110, 6.6008, -17.1988



199.6760, -22.5183, -57.5979



119.3730, 4.2531, -10.8511



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.



197.9680, 21.7078, -56.0999



199.0630, 27.5769, -71.9693



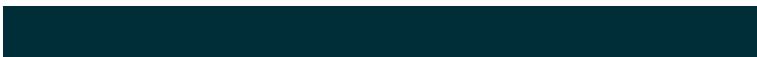
166.2700, 37.3349, -28.3008



115.2380, 2.3477, -6.3477



109.0260, 36.9622, -95.6158



33.3860, 11.1487, -29.2795

Inverse Universe

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



176.3240, 22.5183, 57.5979



171.1440, 29.0160, 73.5417



209.7300, -37.3349, 28.3008



112.7280, 2.5991, 6.3775



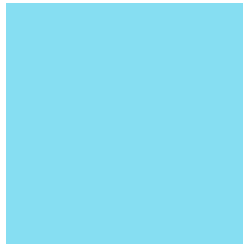
72.1160, 38.3968, 98.1223



21.9880, 11.8379, 29.8285

Previews

White Background



This preview shows how the YUV color 197.9680, 21.7078, -56.0999 looks on a white background.

Color Contrast Check

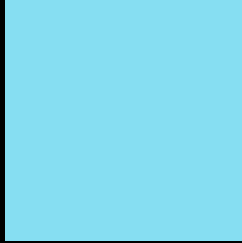
Large Text (above 18pt) WCAG AA × Fail

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 197.9680, 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 197.9680, 21.7078, -56.0999

Background



This preview shows how black text looks on a background with the YUV color 197.9680, 21.7078, -56.0999.



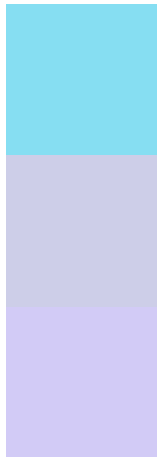
This preview shows how white text looks on a background with the YUV color 197.9680, 21.7078, -56.0999.

-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

197.9680, 21.7078, -56.0999

Protanopia

208.6650, 11.5042, -3.2142

Deuteranopia

209.9950, 17.7505, 0.0044



Tritanopia

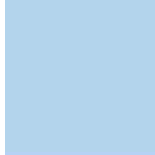
197.4410, 20.9816, -56.5148

Trichromacy



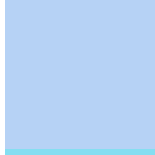
Original Color

197.9680, 21.7078, -56.0999



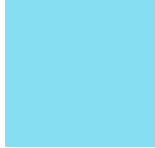
Protanomaly

204.8690, 15.3476, -22.6871



Deuteranomaly

205.6180, 19.4153, -20.7130



Tritanomaly

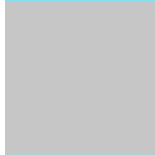
197.5550, 21.4184, -56.6147

Monochromacy



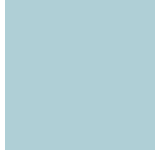
Original Color

197.9680, 21.7078, -56.0999



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

198.2300, 7.7746, -20.3727

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.9680, 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(134, 222, 242)` looks like.

```
.text, #text, p{  
    color:rgb(134, 222, 242)  
}
```

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(134, 222, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 222, 242) }
```

Border

The CSS property to change the border of an element to YUV 197.9680, 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(134, 222, 242) }
```


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

```
.border{ border-color:rgb(134, 222, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 222, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 222, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 222, 242);  
box-shadow:4px 4px 4px 4px rgb(134, 222,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 197.9680, 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(134, 222, 242) }
```

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

```
.background{ background-color: rgb(134,  
222, 242) }
```

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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