

Converting Colors

YUV(198.0870, 4.3941,
-56.2043)

Have a look what the booklet for
YUV(198.0870, 4.3941, -56.2043)
contains.

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Color

**YUV(198.0870, 4.3941,
-56.2043)**

Conversions

Conversions Part 1

Format	Color
Hex	86E5CF
RGB	134, 229, 207
RGB Percent	53%, 90%, 81%
CMY	0.4745, 0.1020, 0.1882
CMYK	0.41, 0.00, 0.10, 0.10
HSL	166°, 65%, 71%
HSV	166°, 41%, 90%
XYZ	49.1133, 65.6119, 69.1073
YIQ	198.0870, -49.5580, -26.9820

Conversions

Conversions Part 2

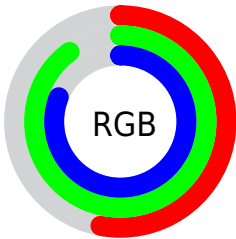
Format	Color
RYB	134, 188, 229
Decimal	8840655
CIELab	84.80, -33.25, 1.91
CIELCh	85, 33.302, 176.707
Yxy	65.6119, 0.2672, 0.3569
Android (android.graphics.Color)	4287030735 (0xFF86E5CF)
YUV	198.0870, 4.3941, -56.2043
Hunter-Lab	81.0012, -33.5225, 6.1167

Details

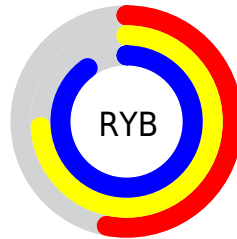
The YUV color **198.0870, 4.3941, -56.2043** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **164.9130, -4.3941, 56.2043**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.8640, 9.4340, -39.3457**, and **142.0160, 5.4151, -57.0190** is the 20% darker color. If you saturate the color by 10%, you get **190.6400, 5.6005, -69.8443**, and if you desaturate by 10%, it is **205.5340, 3.1877, -42.5643**.

Distribution



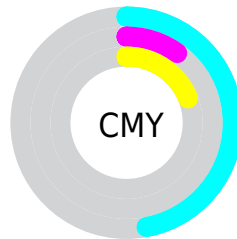
- Red (53%)
- Green (90%)
- Blue (81%)



- Red (53%)
- Yellow (74%)
- Blue (90%)



- Cyan (41%)
- Magenta (0%)
- Yellow (10%)
- Black (10%)



- Cyan (47%)
- Magenta (10%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.0870, 4.3941, -56.2043 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 198.0870, 4.3941, -56.2043 by changing the saturation by 10% instead.

■ 198.0870, 4.3941,
-56.2043

■ 198.0870, 4.3941,
-56.2043

255.0000, 0.0000,
0.0000

■ 170.0870, 4.3941,
-56.2043

■ 235.8640, 9.4340,
-39.3457

■ 142.0160, 5.4151,
-57.0190

■ 244.5350, 5.1592,
-21.5172

■ 114.2330, 6.2941,
-58.9633

■ 253.5050, 0.7370,
-3.0739

■ 82.0680, 9.8265,
-71.9736

■ 64.6570, 6.5781,
-56.7042

■ 47.3600, 3.7665,
-41.5347

■ 31.4650, 1.2498,

-27.5948

■ 16.6300, -2.2826,
-14.5845

■ 0.0000, 0.0000,
0.0000

■ 198.0870, 4.3941,
-56.2043

■ 198.0870, 4.3941,
-56.2043

■ 190.6400, 5.6005,
-69.8443

■ 205.5340, 3.1877,
-42.5643

■ 183.0790, 6.3701,
-83.3843

■ 213.0950, 2.4182,
-29.0243

■ 175.6320, 7.5764,
-97.0243

■ 220.5420, 1.2118,
-15.3843

■ 168.1850, 8.7828,
-110.6642

■ 227.9890, 0.0054,
-1.7444

■ 160.9230, 9.4050,
-123.5895

■ 235.5500, -0.7642,
11.7956

■ 154.4870, 10.6059,
-135.4851

■ 237.9140, 0.5354,
14.9844

■ 238.4840, 2.7194,
14.4845

■ 239.0540, 4.9034,
13.9846

■ 239.7380, 7.5242,
13.3848

Harmonies

Analogous

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



202.3710, -13.0009, -30.1434



198.0870, 4.3941, -56.2043



195.7550, 21.3198, -71.6991

Triad

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



198.0870, 4.3941, -56.2043



212.7930, 20.8081, -0.6955



210.7110, -25.0005, 38.8415

Complementary

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



198.0870, 4.3941, -56.2043



164.9130, -4.3941, 56.2043

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.



208.8650, -11.7654, 40.4604



198.0870, 4.3941, -56.2043



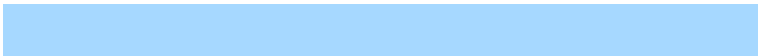
217.0740, 14.7535, 27.9991

Square

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



198.0870, 4.3941, -56.2043



205.4960, 24.4055, -34.6380



211.8120, 2.0647, 37.8759



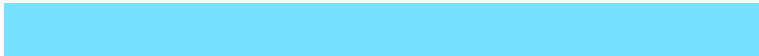
210.5320, -30.3353, 23.2124

Rectangle

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



198.0870, 4.3941, -56.2043



197.3130, 28.4397, -68.6805



211.8120, 2.0647, 37.8759



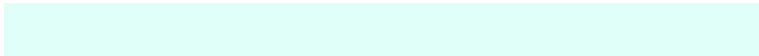
209.7480, -21.0748, 39.6860

Sweetspot

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



198.0870, 4.3941, -56.2043



244.9330, 1.5120, -18.3582



196.3430, -30.7351, -35.3808



122.0480, 0.4693, -10.5661



0.0000, 0.0000, 0.0000



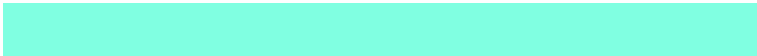
128.0000, 0.0000, 0.0000

Same Dimension

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



198.0870, 4.3941, -56.2043



213.6070, 5.6167, -75.0773



185.9200, 21.2384, -45.5338



111.0700, 0.4585, -7.0774



120.6910, 8.0403, -105.8460



34.3830, 2.2762, -30.1539

Inverse Universe

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



164.9130, -4.3941, 56.2043



169.2790, -6.0535, 75.1773



177.0800, -21.2384, 45.5338



106.9300, -0.4585, 7.0774



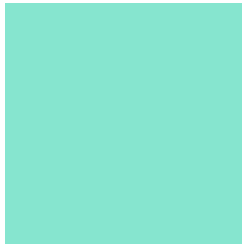
58.1950, -8.4771, 105.9460



16.6170, -2.2762, 30.1539

Previews

White Background



This preview shows how the YUV color 198.0870, 4.3941, -56.2043 looks on a white background.

Color Contrast Check

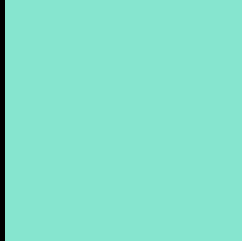
Large Text (above 18pt) WCAG AA × Fail

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 198.0870, 4.3941, -56.2043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

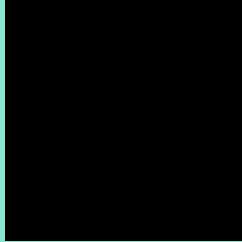
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

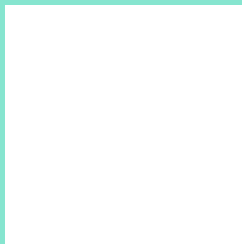
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 198.0870, 4.3941, -56.2043

Background



This preview shows how black text looks on a background with the YUV color 198.0870, 4.3941, -56.2043.



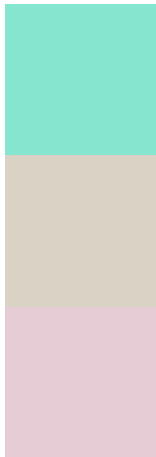
This preview shows how white text looks on a background with the YUV color 198.0870, 4.3941,

-56.2043.

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

198.0870, 4.3941, -56.2043

Protanopia

210.7960, -7.2944, 6.3179

Deuteranopia

212.6860, -0.3382, 15.1844



Tritanopia

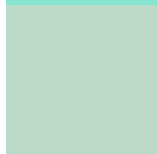
201.8330, 19.8023, -51.5965

Trichromacy



Original Color

198.0870, 4.3941, -56.2043



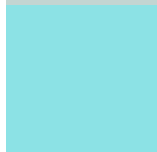
Protanomaly

206.0920, -3.0034, -16.7437



Deuteranomaly

207.2760, 1.3429, -10.7661



Tritanomaly

200.6280, 13.9874, -53.1708

Monochromacy



Original Color

198.0870, 4.3941, -56.2043



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

197.9220, 1.5175, -20.1026

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.0870, 4.3941, -56.2043 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, 229, 207)` looks like.

```
.text, #text, p{  
    color:rgb(134, 229, 207)  
}
```

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, 229, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 229, 207) }
```

Border

The CSS property to change the border of an element to YUV 198.0870, 4.3941, -56.2043 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, 229, 207) }
```


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

```
.border{ border-color:rgb(134, 229, 207) }
```

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

Here you see how a box with a 4 pixel rgb(134, 229, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 229, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 229, 207);  
box-shadow:4px 4px 4px 4px rgb(134, 229,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 198.0870, 4.3941, -56.2043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 229, 207) }
```

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

```
.background{ background-color: rgb(134,  
229, 207) }
```

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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