

Converting Colors

YUV(199.8940, 13.8563,
-57.7890)

Have a look what the booklet for
YUV(199.8940, 13.8563, -57.7890)
contains.

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Color

**YUV(199.8940, 13.8563,
-57.7890)**

Conversions

Conversions Part 1

Format	Color
Hex	86E4E4
RGB	134, 228, 228
RGB Percent	53%, 89%, 89%
CMY	0.4745, 0.1059, 0.1059
CMYK	0.41, 0.00, 0.00, 0.11
HSL	180°, 64%, 71%
HSV	180°, 41%, 89%
XYZ	51.5785, 66.1566, 83.4498
YIQ	199.8940, -56.0240, -19.9280

Conversions

Conversions Part 2

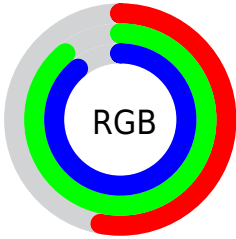
Format	Color
RYB	134, 181, 228
Decimal	8840420
CIELab	85.08, -27.84, -8.76
CIElCh	85, 29.188, 197.463
Yxy	66.1566, 0.2564, 0.3288
Android (android.graphics.Color)	4287030500 (0xFF86E4E4)
YUV	199.8940, 13.8563, -57.7890
Hunter-Lab	81.3367, -29.1460, -3.8947

Details

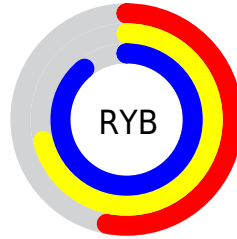
The YUV color **199.8940, 13.8563, -57.7890** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **162.1060, -13.8563, 57.7890**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.1630, 9.2866, -38.7310**, and **143.4100, 14.5879, -59.1186** is the 20% darker color. If you saturate the color by 10%, you get **193.0170, 17.2466, -71.9289**, and if you desaturate by 10%, it is **206.7710, 10.4659, -43.6492**.

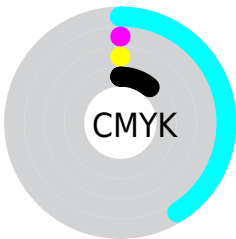
Distribution



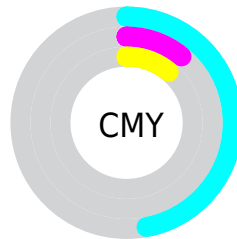
- Red (53%)
- Green (89%)
- Blue (89%)



- Red (53%)
- Yellow (71%)
- Blue (89%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (47%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.8940, 13.8563, -57.7890 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 199.8940, 13.8563, -57.7890 by changing the saturation by 10% instead.

■ 199.8940, 13.8563,
-57.7890

■ 199.8940, 13.8563,
-57.7890

255.0000, 0.0000,
0.0000

■ 171.5950, 14.0037,
-58.4038

■ 236.1630, 9.2866,
-38.7310

■ 143.4100, 14.5879,
-59.1186

■ 244.8340, 5.0118,
-20.9024

■ 114.9150, 15.3249,
-62.1925

■ 253.8040, 0.5896,
-2.4591

■ 83.5330, 17.9782,
-73.2584

■ 66.1220, 14.7299,
-57.9890

■ 49.2980, 11.1921,
-43.2343

■ 33.2890, 8.2385,

-29.1945

■ 19.1550, 4.8536,
-16.7989

■ 0.1140, 0.4368,
-0.1000

■ 199.8940, 13.8563,
-57.7890

■ 199.8940, 13.8563,
-57.7890

■ 193.0170, 17.2466,
-71.9289

■ 206.7710, 10.4659,
-43.6492

■ 186.1400, 20.6370,
-86.0688

■ 213.6480, 7.0755,
-29.5093

■ 179.5620, 23.8799,
-99.5939

■ 220.2260, 3.8326,
-15.9842

■ 172.6850, 27.2703,
-113.7337

■ 227.1030, 0.4422,
-1.8443

■ 165.8080, 30.6607,
-127.8736

■ 233.9800, -2.9481,
12.2955

■ 159.8280, 33.6088,
-140.1692

■ 236.0730, -3.9800,
16.5990

Harmonies

Analogous

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



202.0950, -1.0328, -42.1793



199.8940, 13.8563, -57.7890



201.4670, 24.9128, -57.4146

Triad

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



199.8940, 13.8563, -57.7890



216.4640, 16.5332, 17.1331



212.5910, -26.4204, 27.5457

Complementary

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



199.8940, 13.8563, -57.7890



162.1060, -13.8563, 57.7890

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.



212.1930, -19.3221, 37.5417



199.8940, 13.8563, -57.7890



215.7730, 4.5489, 34.4021

Square

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



199.8940, 13.8563, -57.7890



211.8520, 21.2720, -9.5172



211.9940, -7.3920, 37.7163



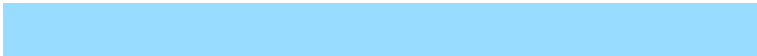
209.6160, -24.4607, 5.5988

Rectangle

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



199.8940, 13.8563, -57.7890



204.2450, 25.0222, -45.8189



211.9940, -7.3920, 37.7163



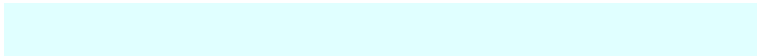
213.2650, -25.2736, 33.0936

Sweetspot

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



199.8940, 13.8563, -57.7890



245.7310, 4.5696, -19.0581



189.1780, -27.2028, -48.3911



122.6180, 2.6533, -11.0660



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.



199.8940, 13.8563, -57.7890



217.6250, 18.4259, -76.8471



172.3050, 27.4576, -33.5935



111.4120, 1.7689, -7.3773



125.4790, 26.3859, -110.0451



35.7510, 7.5178, -31.3536

Inverse Universe

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



172.8220, 27.2028, 48.3911



181.6250, 36.1739, 64.3499



189.6950, -27.4576, 33.5935



107.9560, 3.4727, 6.1776



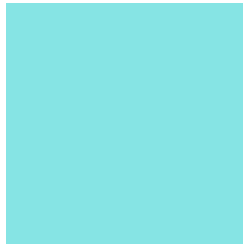
73.9270, 51.8010, 92.1490



21.0630, 14.7589, 26.2547

Previews

White Background



This preview shows how the YUV color 199.8940, 13.8563, -57.7890 looks on a white background.

Color Contrast Check

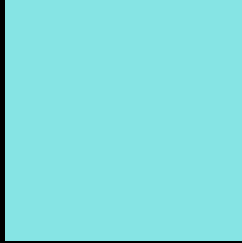
Large Text (above 18pt) WCAG AA × Fail

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 199.8940, 13.8563, -57.7890 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

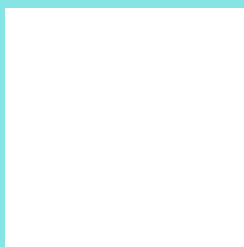
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.8940, 13.8563, -57.7890

Background



This preview shows how black text looks on a background with the YUV color 199.8940, 13.8563, -57.7890.



This preview shows how white text looks on a background with the YUV color 199.8940, 13.8563, -57.7890.

-57.7890.

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

199.8940, 13.8563, -57.7890

Protanopia

211.6950, 2.6154, 1.1445

Deuteranopia

213.8620, 9.4350, 7.1370



Tritanopia

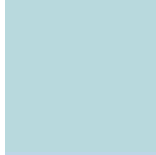
201.7400, 20.8342, -55.9000

Trichromacy



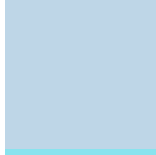
Original Color

199.8940, 13.8563, -57.7890



Protanomaly

207.5890, 6.6116, -20.6876



Deuteranomaly

208.7620, 10.9633, -16.4543



Tritanomaly

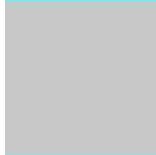
201.3440, 18.0714, -56.4297

Monochromacy



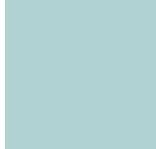
Original Color

199.8940, 13.8563, -57.7890



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

199.8340, 5.0118, -20.9024

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.8940, 13.8563, -57.7890 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, 228, 228)` looks like.

```
.text, #text, p{  
    color:rgb(134, 228, 228)  
}
```

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, 228, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 228, 228) }
```

Border

The CSS property to change the border of an element to YUV 199.8940, 13.8563, -57.7890 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, 228, 228) }
```


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

```
.border{ border-color:rgb(134, 228, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 228, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 228, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 228, 228);  
box-shadow:4px 4px 4px 4px rgb(134, 228,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 199.8940, 13.8563, -57.7890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 228, 228) }
```

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

```
.background{ background-color: rgb(134,  
228, 228) }
```

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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