

Converting Colors

YUV(221.8940, 13.8563,
-57.7890)

Have a look what the booklet for
YUV(221.8940, 13.8563, -57.7890)
contains.

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Color

**YUV(221.8940, 13.8563,
-57.7890)**

Conversions

Conversions Part 1

Format	Color
Hex	9CFAFA
RGB	156, 250, 250
RGB Percent	61%, 98%, 98%
CMY	0.3882, 0.0196, 0.0196
CMYK	0.38, 0.00, 0.00, 0.02
HSL	180°, 90%, 80%
HSV	180°, 38%, 98%
XYZ	65.1512, 82.3413, 102.9021
YIQ	221.8940, -56.0240, -19.9280

Conversions

Conversions Part 2

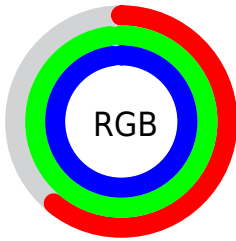
Format	Color
R_{YB}	156, 203, 250
Decimal	10287866
CIE _{Lab}	92.73, -27.79, -8.81
CIE _{LCh}	93, 29.150, 197.595
Yxy	82.3413, 0.2602, 0.3288
Android (android.graphics.Color)	4288477946 (0xFF9CFAFA)
YUV	221.8940, 13.8563, -57.7890
Hunter-Lab	90.7421, -30.6388, -3.7158

Details

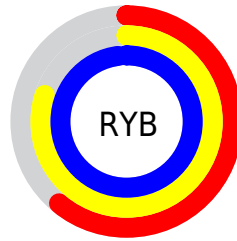
The YUV color **221.8940, 13.8563, -57.7890** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **184.1060, -13.8563, 57.7890**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.7410, 6.0437, -25.2059**, and **165.0080, 14.2931, -57.8890** is the 20% darker color. If you saturate the color by 10%, you get **214.4190, 17.5414, -73.1585**, and if you desaturate by 10%, it is **229.3690, 10.1711, -42.4196**.

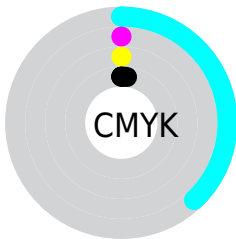
Distribution



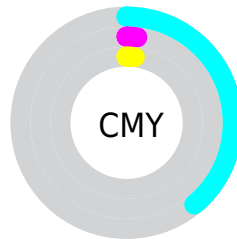
- Red (61%)
- Green (98%)
- Blue (98%)



- Red (61%)
- Yellow (80%)
- Blue (98%)



- Cyan (38%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (39%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.8940, 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 221.8940, 13.8563, -57.7890 by changing the saturation by 10% instead.

221.8940, 13.8563,
-57.7890

221.8940, 13.8563,
-57.7890

255.0000, 0.0000,
0.0000

192.8940, 13.8563,
-57.7890

242.7410, 6.0437,
-25.2059

165.0080, 14.2931,
-57.8890

251.7110, 1.6215,
-6.7625

136.9970, 14.2985,
-59.6334

108.0180, 15.7671,
-64.0368

79.4410, 17.5306,
-69.6698

62.5030, 13.5560,
-54.8151

45.7930, 10.4551,

-40.1605

■ 29.7840, 7.5015,
-26.1206

■ 13.3020, 5.2741,
-11.6659

■ 221.8940, 13.8563,
-57.7890

■ 221.8940, 13.8563,
-57.7890

■ 214.4190, 17.5414,
-73.1585

■ 229.3690, 10.1711,
-42.4196

■ 206.9440, 21.2266,
-88.5279

■ 236.8440, 6.4859,
-27.0502

■ 199.4690, 24.9118,
-103.8973

■ 244.3190, 2.8007,
-11.6808

■ 191.9940, 28.5970,
-119.2667

■ 251.4950, -0.7370,
3.0739

■ 184.5190, 32.2821,
-134.6362

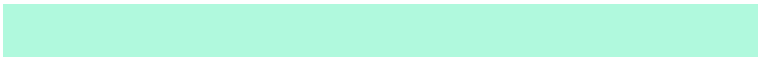
■ 177.0440, 35.9673,
-150.0056

■ 175.2500, 36.8518,
-153.6943

Harmonies

Analogous

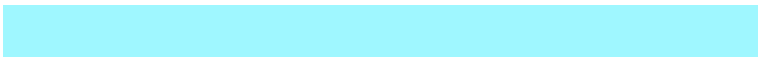
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.9810, -1.4696, -42.0793



221.8940, 13.8563, -57.7890



221.6000, 16.4662, -54.9002

Triad

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



221.8940, 13.8563, -57.7890



235.6290, 9.5499, 16.9884



230.6010, -24.9463, 21.3979

Complementary

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



221.8940, 13.8563, -57.7890



184.1060, -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.



227.5010, -16.5160, 24.1166



221.8940, 13.8563, -57.7890



230.6080, 8.0813, 21.3918

Square

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



221.8940, 13.8563, -57.7890



231.3440, 11.6624, -7.3177



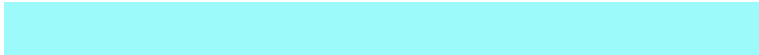
226.7150, -4.2965, 24.8059



231.3880, -25.3343, 5.7987

Rectangle

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



221.8940, 13.8563, -57.7890



223.7370, 15.4127, -43.6193



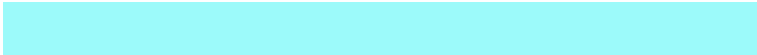
226.7150, -4.2965, 24.8059



229.1820, -22.7677, 22.6424

Sweetspot

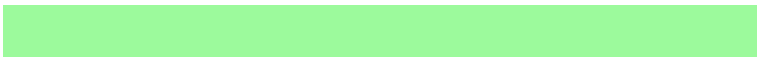
The Sweet Spot groups the original color and five complimentary colors.



221.8940, 13.8563, -57.7890



246.6280, 4.1274, -17.2138



211.1780, -27.2028, -48.3911



122.9170, 2.5059, -10.4512



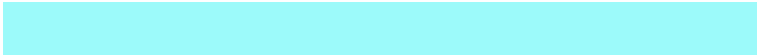
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

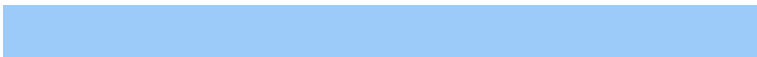
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221.8940, 13.8563, -57.7890



220.6150, 16.9518, -70.6994



194.3050, 27.4576, -33.5935



121.1130, 1.9163, -7.9921



132.4890, 27.8599, -116.1929



42.7610, 8.9918, -37.5014

Inverse Universe

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



194.8220, 27.2028, 48.3911



187.4950, 33.2800, 59.2019



211.6950, -27.4576, 33.5935



117.3690, 3.7621, 6.6924



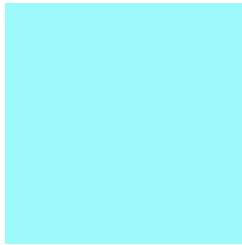
78.0570, 54.6949, 97.2970



25.1930, 17.6529, 31.4027

Previews

White Background



This preview shows how the YUV color 221.8940, 13.8563, -57.7890 looks on a white background.

Color Contrast Check

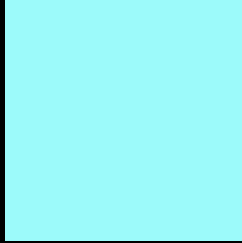
Large Text (above 18pt) WCAG AA × Fail

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 221.8940, 13.8563, -57.7890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

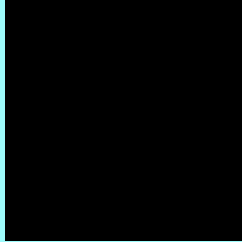
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 221.8940, 13.8563, -57.7890

Background



This preview shows how black text looks on a background with the YUV color 221.8940, 13.8563, -57.7890.



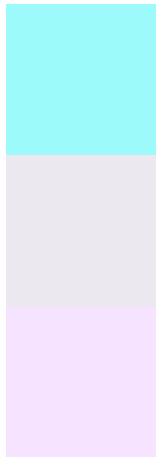
This preview shows how white text looks on a background with the YUV color 221.8940, 13.8563, -57.7890.

-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

221.8940, 13.8563, -57.7890

Protanopia

233.6950, 2.6154, 1.1445

Deuteranopia

235.5740, 9.5770, 8.2666



Tritanopia

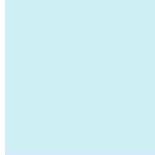
228.5320, 13.0487, -32.0386

Trichromacy



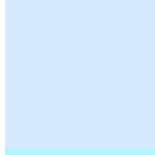
Original Color

221.8940, 13.8563, -57.7890



Protanomaly

229.5890, 6.6116, -20.6876



Deuteranomaly

230.4740, 11.1053, -15.3247



Tritanomaly

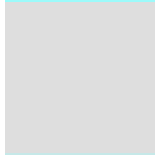
226.1780, 13.2232, -41.3751

Monochromacy



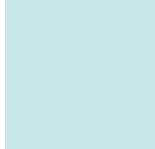
Original Color

221.8940, 13.8563, -57.7890



Achromatopsia

222.0000, 0.0000, 0.0000



Achromatomaly

221.8340, 5.0118, -20.9024

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.8940, 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(156, 250, 250)` looks like.

```
.text, #text, p{  
    color:rgb(156, 250, 250)  
}
```

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(156, 250, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 250, 250) }
```

Border

The CSS property to change the border of an element to YUV 221.8940, 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(156, 250, 250) }
```


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

```
.border{ border-color:rgb(156, 250, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 250, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 250, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 250, 250);  
box-shadow:4px 4px 4px 4px rgb(156, 250,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 221.8940, 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(156, 250, 250) }
```

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

```
.background{ background-color: rgb(156,  
250, 250) }
```

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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