

Converting Colors

YUV(213.8670, -5.3574,
-55.1344)

Have a look what the booklet for
YUV(213.8670, -5.3574, -55.1344)
contains.

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Color

**YUV(213.8670, -5.3574,
-55.1344)**

Conversions

Conversions Part 1

Format	Color
Hex	97F8CB
RGB	151, 248, 203
RGB Percent	59%, 97%, 80%
CMY	0.4078, 0.0275, 0.2039
CMYK	0.39, 0.00, 0.18, 0.03
HSL	152°, 87%, 78%
HSV	152°, 39%, 97%
XYZ	57.1094, 78.0259, 68.5504
YIQ	213.8670, -43.3670, -34.5590

Conversions

Conversions Part 2

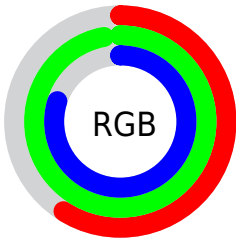
Format	Color
RYB	151, 214, 248
Decimal	9959627
CIELab	90.79, -38.39, 12.71
CIELCh	91, 40.442, 161.683
Yxy	78.0259, 0.2804, 0.3831
Android (android.graphics.Color)	4288149707 (0xFF97F8CB)
YUV	213.8670, -5.3574, -55.1344
Hunter-Lab	88.3323, -39.1760, 15.8205

Details

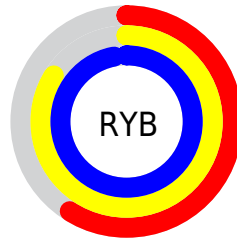
The YUV color **213.8670, -5.3574, -55.1344** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **185.1330, 5.3574, 55.1344**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9470, 6.9281, -28.8945**, and **157.5080, -4.1944, -54.8195** is the 20% darker color. If you saturate the color by 10%, you get **205.0240, -6.9138, -69.3040**, and if you desaturate by 10%, it is **222.7100, -3.8010, -40.9647**.

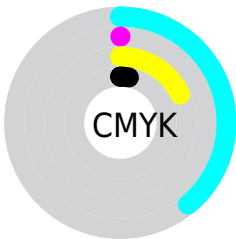
Distribution



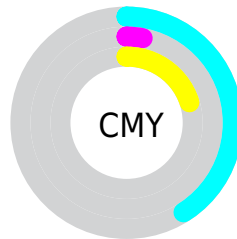
- Red (59%)
- Green (97%)
- Blue (80%)



- Red (59%)
- Yellow (84%)
- Blue (97%)



- Cyan (39%)
- Magenta (0%)
- Yellow (18%)
- Black (3%)



- Cyan (41%)
- Magenta (3%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.8670, -5.3574, -55.1344 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 213.8670, -5.3574, -55.1344 by changing the saturation by 10% instead.

 213.8670, -5.3574,
-55.1344


 213.8670, -5.3574,
-55.1344

255.0000, 0.0000,
0.0000


 185.3940, -4.6312,
-54.7195


 240.9470, 6.9281,
-28.8945


 157.5080, -4.1944,
-54.8195

 249.9170, 2.5059,
-10.4512

 130.0240, -3.4628,
-56.1490

 101.7570, -1.8522,
-59.4229

 73.5930, 0.2007,
-64.5411

 56.2960, -2.6109,
-49.3716

 39.8140, -4.8383,

-34.9169

■ 24.1640, -8.9549,
-21.1918

■ 2.9350, -1.4470,
-2.5740

■ 213.8670, -5.3574,
-55.1344

■ 213.8670, -5.3574,
-55.1344

■ 205.0240, -6.9138,
-69.3040

■ 222.7100, -3.8010,
-40.9647

■ 196.2950, -8.0334,
-83.5737

■ 231.4390, -2.6814,
-26.6950

■ 187.7510, -9.7372,
-97.1286

■ 239.9830, -0.9776,
-13.1401

■ 179.0220,
-10.8568, -111.3983

■ 248.7120, 0.1420,
1.1296

■ 170.1790,
-12.4132, -125.5680

■ 250.8910, 2.0257,
3.6036

■ 161.4500,
-13.5329, -139.8377

■ 160.7380,
-13.6748, -140.9672

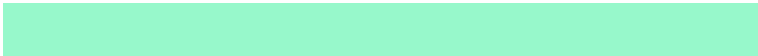
Harmonies

Analogous

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



220.3370, -24.8161, -20.4665



213.8670, -5.3574, -55.1344



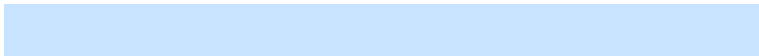
207.0430, 17.7268, -85.9837

Triad

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



213.8670, -5.3574, -55.1344



222.1190, 16.2103, -19.3984



217.5730, -19.0165, 32.8235

Complementary

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



213.8670, -5.3574, -55.1344



185.1330, 5.3574, 55.1344

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.



217.5680, -1.2660, 32.8279



213.8670, -5.3574, -55.1344



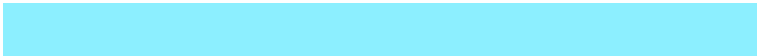
229.7480, 12.4492, 20.3920

Square

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



213.8670, -5.3574, -55.1344



211.2230, 21.5821, -62.4626



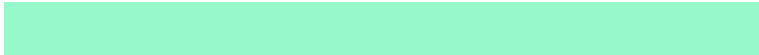
223.7750, 14.9009, 27.3843



221.9950, -32.5355, 28.9454

Rectangle

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



213.8670, -5.3574, -55.1344



203.9370, 25.1741, -94.6607



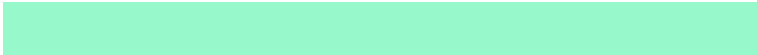
223.7750, 14.9009, 27.3843



217.0660, -13.3435, 33.2681

Sweetspot

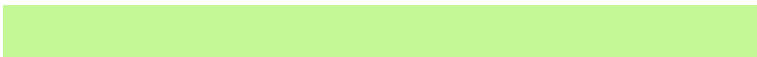
The Sweet Spot groups the original color and five complimentary colors.



213.8670, -5.3574, -55.1344



244.1350, -1.5456, -17.6584



221.3940, -34.7042, -22.2705



121.5920, -1.2779, -10.1662



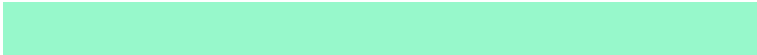
0.0000, 0.0000, 0.0000



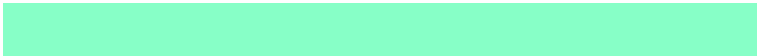
128.0000, 0.0000, 0.0000

Same Dimension

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



213.8670, -5.3574, -55.1344



212.7360, -6.7718, -68.1745



217.2360, 15.1667, -58.0890



120.4290, -0.7045, -7.3922



122.4570, -10.5783, -107.3948



39.5690, -3.2385, -34.7020

Inverse Universe

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



185.1330, 5.3574, 55.1344



177.2640, 6.7718, 68.1745



181.7640, -15.1667, 58.0890



116.5710, 0.7045, 7.3922



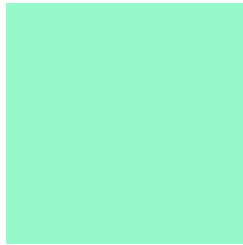
66.5430, 10.5783, 107.3948



21.4310, 3.2385, 34.7020

Previews

White Background



This preview shows how the YUV color 213.8670, -5.3574, -55.1344 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 213.8670, -5.3574, -55.1344 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 213.8670, -5.3574, -55.1344

Background



This preview shows how black text looks on a background with the YUV color 213.8670, -5.3574, -55.1344.



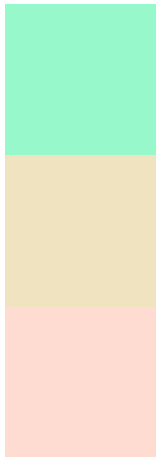
This preview shows how white text looks on a background with the YUV color 213.8670, -5.3574, -55.1344.

-55.1344.

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

213.8670, -5.3574, -55.1344

Protanopia

226.5980, -17.0568, 10.8766

Deuteranopia

229.3250, -9.5272, 22.5170



Tritanopia

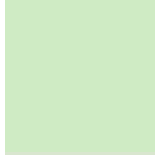
221.4000, 16.5648, -39.8158

Trichromacy



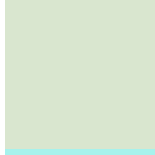
Original Color

213.8670, -5.3574, -55.1344



Protanomaly

222.1820, -12.9077, -13.3146



Deuteranomaly

223.4910, -8.1301, -5.6926



Tritanomaly

218.8910, 8.4347, -45.5084

Monochromacy



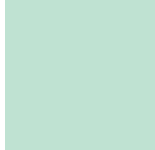
Original Color

213.8670, -5.3574, -55.1344



Achromatopsia

214.0000, 0.0000, 0.0000



Achromatomaly

213.7110, -1.8295, -19.9175

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.8670, -5.3574, -55.1344 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(151, 248, 203)` looks like.

```
.text, #text, p{  
    color:rgb(151, 248, 203)  
}
```

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(151, 248, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 248, 203) }
```

Border

The CSS property to change the border of an element to YUV 213.8670, -5.3574, -55.1344 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(151, 248, 203) }
```


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

```
.border{ border-color:rgb(151, 248, 203) }
```

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

Here you see how a box with a 4 pixel rgb(151, 248, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 248, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 248, 203);  
box-shadow:4px 4px 4px 4px rgb(151, 248,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 213.8670, -5.3574, -55.1344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 248, 203) }
```

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

```
.background{ background-color: rgb(151,  
248, 203) }
```

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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