

Converting Colors

YUV(235.8920, 6.9552,
-37.6163)

Have a look what the booklet for
YUV(235.8920, 6.9552, -37.6163)
contains.

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Color

**YUV(235.8920, 6.9552,
-37.6163)**

Conversions

Conversions Part 1

Format	Color
Hex	C1FFFA
RGB	193, 255, 250
RGB Percent	76%, 100%, 98%
CMY	0.2431, 0.0000, 0.0196
CMYK	0.24, 0.00, 0.02, 0.00
HSL	175°, 100%, 88%
HSV	175°, 24%, 100%
XYZ	75.0076, 89.7596, 103.8145
YIQ	235.8920, -35.3470, -14.6990

Conversions

Conversions Part 2

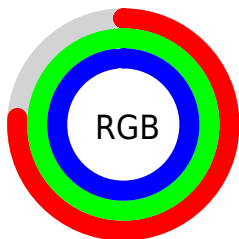
Format	Color
RYB	193, 225, 255
Decimal	12713978
CIELab	95.90, -20.26, -3.92
CIELCh	96, 20.637, 190.954
Yxy	89.7596, 0.2793, 0.3342
Android (android.graphics.Color)	4290904058 (0xFFC1FFFA)
YUV	235.8920, 6.9552, -37.6163
Hunter-Lab	94.7415, -24.4778, 1.3511

Details

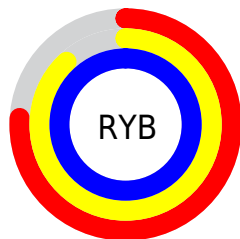
The YUV color $235.8920, 6.9552, -37.6163$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $212.1080, -6.9552, 37.6163$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8040, 0.5896, -2.4591$, and $179.6040, 7.0972, -36.4867$ is the 20% darker color. If you saturate the color by 10%, you get $228.1890, 9.7668, -52.7858$, and if you desaturate by 10%, it is $243.8940, 3.9963, -21.8320$.

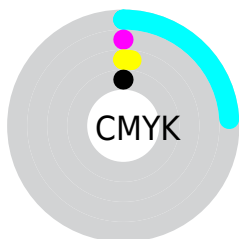
Distribution



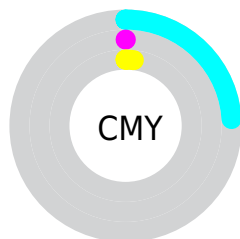
- Red (76%)
- Green (100%)
- Blue (98%)



- Red (76%)
- Yellow (88%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.8920, 6.9552, -37.6163 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 235.8920, 6.9552, -37.6163 by changing the saturation by 10% instead.

235.8920, 6.9552,
-37.6163

235.8920, 6.9552,
-37.6163

255.0000, 0.0000,
0.0000

207.1910, 6.8078,
-37.0015

253.8040, 0.5896,
-2.4591

179.6040, 7.0972,
-36.4867

152.4900, 6.6604,
-36.3867

125.9030, 6.9498,
-35.8719

100.0170, 7.3866,
-35.9719

74.4190, 7.6814,
-37.2015

48.7280, 9.0081,

-42.7345

■ 32.7190, 6.0545,
-28.6946

■ 19.1720, 2.3802,
-16.8138

■ 235.8920, 6.9552,
-37.6163

■ 235.8920, 6.9552,
-37.6163

■ 228.1890, 9.7668,
-52.7858

■ 243.8940, 3.9963,
-21.8320

■ 220.1870, 12.7258,
-68.5700

■ 251.5970, 1.1847,
-6.6626

■ 212.4840, 15.5374,
-83.7395

■ 255.0000, 0.0000,
0.0000

■ 204.4820, 18.4964,
-99.5237

■ 196.7790, 21.3080,
-114.6932

■ 188.7770, 24.2669,
-130.4774

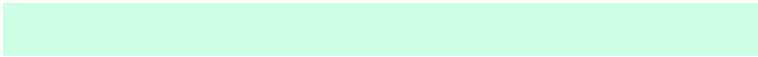
■ 181.0740, 27.0785,
-145.6469

■ 176.3610, 28.4160,
-154.6686

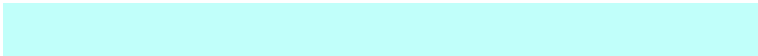
Harmonies

Analogous

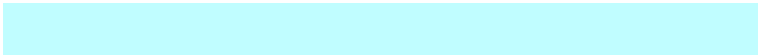
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.2110, -3.5550, -26.4950



235.8920, 6.9552, -37.6163



234.9890, 9.8654, -37.7014

Triad

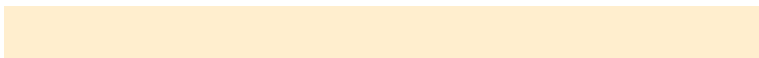
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.8920, 6.9552, -37.6163



243.8470, 5.4984, 9.7812



239.4350, -16.4835, 13.6505

Complementary

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



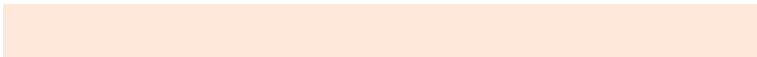
235.8920, 6.9552, -37.6163



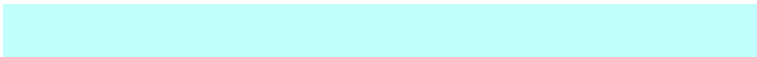
212.1080, -6.9552, 37.6163

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.



237.2810, -9.5055, 15.5396



235.8920, 6.9552, -37.6163



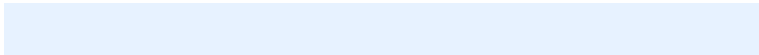
240.9120, 6.9454, 12.3552

Square

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



235.8920, 6.9552, -37.6163



240.1930, 7.2999, -8.0623



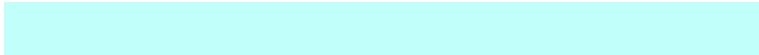
237.5720, -0.7750, 15.2844



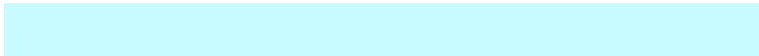
241.5330, -18.5038, 8.3026

Rectangle

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



235.8920, 6.9552, -37.6163



236.2070, 9.2649, -31.7535



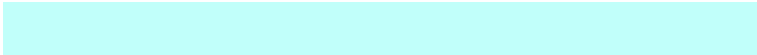
237.5720, -0.7750, 15.2844



238.0160, -14.3049, 14.8950

Sweetspot

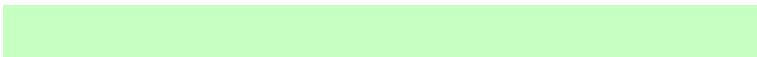
The Sweet Spot groups the original color and five complimentary colors.



235.8920, 6.9552, -37.6163



249.5040, 2.2165, -10.9660



230.8890, -18.6793, -28.8437



124.5970, 1.1847, -6.6626



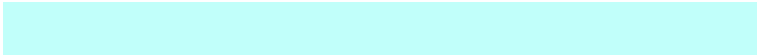
0.0000, 0.0000, 0.0000



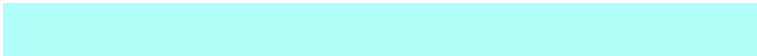
128.0000, 0.0000, 0.0000

Same Dimension

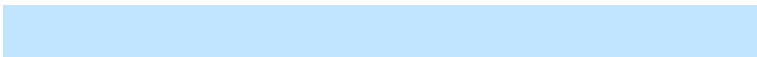
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.8920, 6.9552, -37.6163



232.1900, 8.2873, -44.8936



221.2000, 16.6634, -24.7314



123.8850, 1.0427, -7.7921



132.1810, 21.6028, -115.9227



44.2940, 7.2501, -38.8458

Inverse Universe

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



212.1080, -6.9552, 37.6163



203.8100, -8.2873, 44.8936



226.8000, -16.6634, 24.7314



119.0010, -1.4795, 7.8921



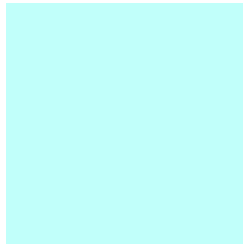
58.8190, -21.6028, 115.9227



19.7060, -7.2501, 38.8458

Previews

White Background



This preview shows how the YUV color 235.8920, 6.9552, -37.6163 looks on a white background.

Color Contrast Check

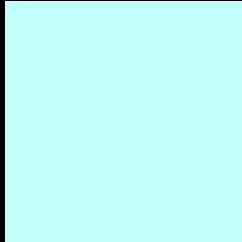
Large Text (above 18pt) WCAG AA × Fail

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 235.8920, 6.9552, -37.6163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

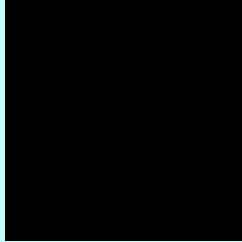
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

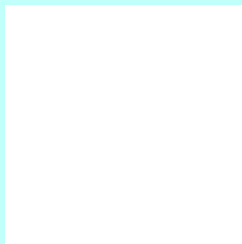
Any Text WCAG AAA ✓ Pass

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

YUV 235.8920, 6.9552, -37.6163 Background



This preview shows how black text looks on a background with the YUV color 235.8920, 6.9552, -37.6163.



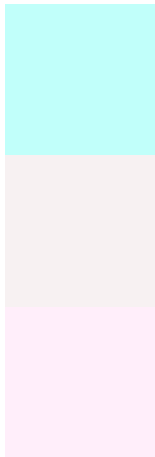
This preview shows how white text looks on a background with the YUV color 235.8920, 6.9552, -37.6163.

-37.6163.

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

235.8920, 6.9552, -37.6163

Protanopia

242.9080, -0.4476, 3.5887

Deuteranopia

244.4510, 2.7357, 9.2515



Tritanopia

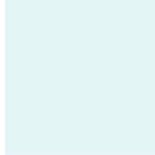
240.7470, 7.0267, -13.8101

Trichromacy



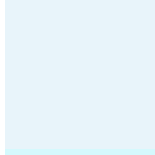
Original Color

235.8920, 6.9552, -37.6163



Protanomaly

240.2050, 2.3639, -11.5808



Deuteranomaly

241.0960, 4.3897, -7.9772



Tritanomaly

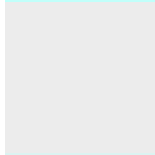
238.6920, 7.0538, -22.5319

Monochromacy



Original Color

235.8920, 6.9552, -37.6163



Achromatopsia

236.0000, 0.0000, 0.0000



Achromatomaly

235.8950, 2.5168, -13.9399

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.8920, 6.9552, -37.6163 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(193, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(193, 255, 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(193, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 255, 250) }
```

Border

The CSS property to change the border of an element to YUV 235.8920, 6.9552, -37.6163 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(193, 255, 250) }
```


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

```
.border{ border-color:rgb(193, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(193, 255,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 235.8920, 6.9552, -37.6163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 255, 250) }
```

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

```
.background{ background-color: rgb(193,  
255, 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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