

Converting Colors

YUV(225.7950, 0.5941,
-50.6862)

Have a look what the booklet for
YUV(225.7950, 0.5941, -50.6862)
contains.

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Color

**YUV(225.7950, 0.5941,
-50.6862)**

Conversions

Conversions Part 1

Format	Color
Hex	A8FFE3
RGB	168, 255, 227
RGB Percent	66%, 100%, 89%
CMY	0.3412, 0.0000, 0.1098
CMYK	0.34, 0.00, 0.11, 0.00
HSL	161°, 100%, 83%
HSV	161°, 34%, 100%
XYZ	65.7736, 85.3909, 85.6885
YIQ	225.7950, -42.8640, -27.1520

Conversions

Conversions Part 2

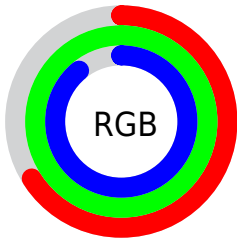
Format	Color
RYB	168, 220, 255
Decimal	11075555
CIELab	94.05, -32.10, 5.09
CIElCh	94, 32.504, 170.985
Yxy	85.3909, 0.2777, 0.3605
Android (android.graphics.Color)	4289265635 (0xFFA8FFE3)
YUV	225.7950, 0.5941, -50.6862
Hunter-Lab	92.4072, -34.6599, 9.7059

Details

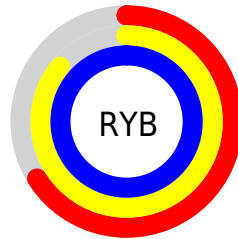
The YUV color $225.7950, 0.5941, -50.6862$ is a light color, and the websafe version is hex $99FFCC$. A complement of this color would be $197.2050, -0.5941, 50.6862$, and the grayscale version is $226.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.0300, 4.4222, -18.4433$, and $169.3220, 1.3203, -50.2714$ is the 20% darker color. If you saturate the color by 10%, you get $217.4080, 0.7849, -65.2558$, and if you desaturate by 10%, it is $234.4810, 0.2559, -35.5018$.

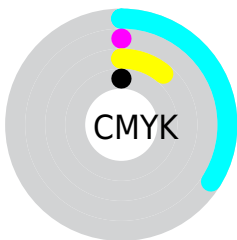
Distribution



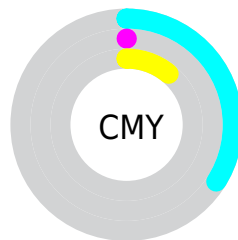
- Red (66%)
- Green (100%)
- Blue (89%)



- Red (66%)
- Yellow (86%)
- Blue (100%)



- Cyan (34%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (34%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.7950, 0.5941, -50.6862 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 225.7950, 0.5941, -50.6862 by changing the saturation by 10% instead.

 225.7950, 0.5941,
-50.6862

 225.7950, 0.5941,
-50.6862


255.0000, 0.0000,
0.0000


 197.2080, 0.8835,
-50.1714


 246.0300, 4.4222,
-18.4433

 169.3220, 1.3203,
-50.2714

 141.7350, 1.6096,
-49.7566

 115.1370, 1.9045,
-50.9861

 87.2720, 3.8099,
-55.4895

 62.0980, 4.3887,
-54.4599

 45.5020, 1.7245,

-39.9053

■ 29.6070, -0.7923,
-25.9653

■ 13.7290, -5.7824,
-12.0403

■ 225.7950, 0.5941,
-50.6862

■ 225.7950, 0.5941,
-50.6862

■ 217.4080, 0.7849,
-65.2558

■ 234.4810, 0.2559,
-35.5018

■ 208.7220, 1.1231,
-80.4402

■ 242.8680, 0.0651,
-20.9322

■ 199.9220, 1.0245,
-95.5246

■ 251.6680, 0.1637,
-5.8478

■ 191.5350, 1.2152,
-110.0942

■ 255.0000, 0.0000,
0.0000

■ 182.8490, 1.5534,
-125.2786

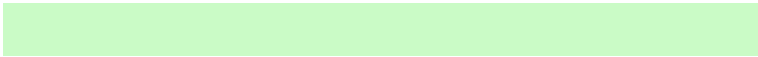
■ 174.4620, 1.7442,
-139.8482

■ 169.4070, 1.7713,
-148.5699

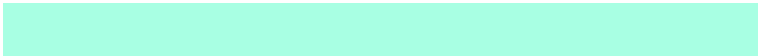
Harmonies

Analogous

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



230.3070, -15.9274, -24.8252



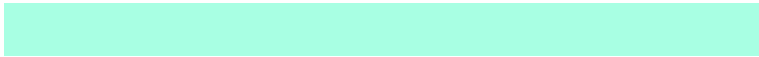
225.7950, 0.5941, -50.6862



222.7080, 15.9200, -66.3959

Triad

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



225.7950, 0.5941, -50.6862



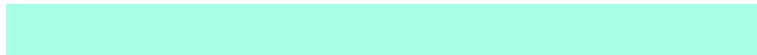
234.6110, 10.0518, -4.0438



228.8060, -19.1314, 22.9721

Complementary

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



225.7950, 0.5941, -50.6862



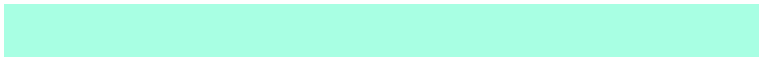
197.2050, -0.5941, 50.6862

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.



227.7750, -5.3121, 23.8763



225.7950, 0.5941, -50.6862



236.2160, 9.2605, 16.4736

Square

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



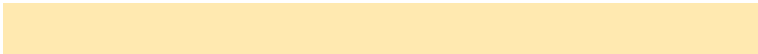
225.7950, 0.5941, -50.6862



227.9120, 13.3544, -36.7568



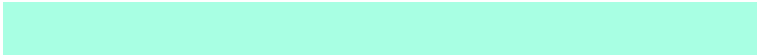
231.4230, 8.6655, 20.6770



233.0800, -28.1404, 19.2238

Rectangle

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



225.7950, 0.5941, -50.6862



221.5340, 16.4987, -65.3663



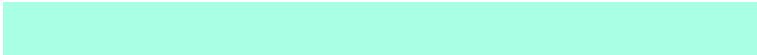
231.4230, 8.6655, 20.6770



227.9570, -14.7688, 23.7167

Sweetspot

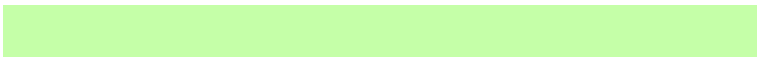
The Sweet Spot groups the original color and five complimentary colors.



225.7950, 0.5941, -50.6862



246.6130, 0.1908, -14.5696



227.7400, -29.4518, -26.9590



122.6460, 0.1745, -9.3365



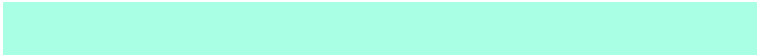
0.0000, 0.0000, 0.0000



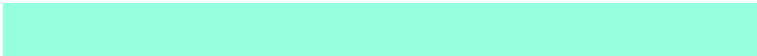
128.0000, 0.0000, 0.0000

Same Dimension

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



225.7950, 0.5941, -50.6862



219.7290, 0.6266, -61.1523



220.1820, 17.1653, -45.7636



123.5430, -0.2677, -7.4922



126.9370, 1.5101, -111.3237



42.4700, 0.2613, -37.2462

Inverse Universe

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



197.2050, -0.5941, 50.6862



185.2710, -0.6266, 61.1523



202.2310, -16.8759, 46.2784



119.3430, -0.1691, 7.5922



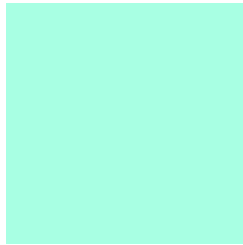
64.1770, -1.0733, 111.2238



21.5300, -0.2613, 37.2462

Previews

White Background



This preview shows how the YUV color 225.7950, 0.5941, -50.6862 looks on a white background.

Color Contrast Check

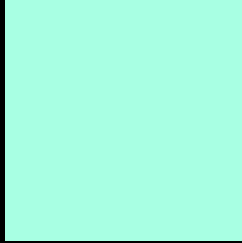
Large Text (above 18pt) WCAG AA × Fail

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 225.7950, 0.5941, -50.6862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

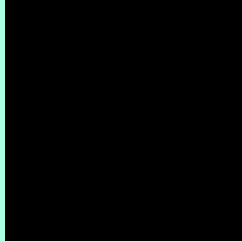
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

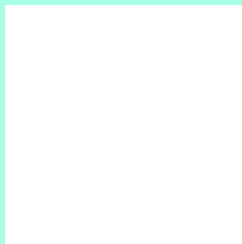
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 225.7950, 0.5941, -50.6862

Background



This preview shows how black text looks on a background with the YUV color 225.7950, 0.5941, -50.6862.



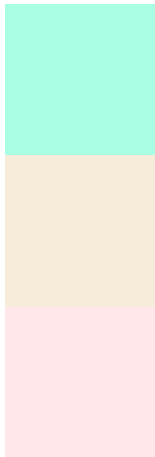
This preview shows how white text looks on a background with the YUV color 225.7950, 0.5941, -50.6862.

-50.6862.

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

225.7950, 0.5941, -50.6862

Protanopia

236.8240, -9.7732, 8.0474

Deuteranopia

238.5180, -2.2274, 14.4547



Tritanopia

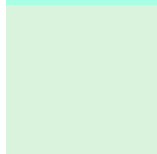
234.1910, 10.2588, -23.8465

Trichromacy



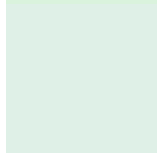
Original Color

225.7950, 0.5941, -50.6862



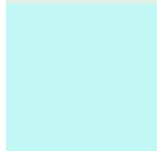
Protanomaly

233.0170, -5.9244, -13.1699



Deuteranomaly

233.8910, -1.4253, -9.5514



Tritanomaly

231.2130, 6.7970, -33.5128

Monochromacy



Original Color

225.7950, 0.5941, -50.6862



Achromatopsia

226.0000, 0.0000, 0.0000



Achromatomaly

226.1780, -0.0878, -18.5731

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.7950, 0.5941, -50.6862 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(168, 255, 227)` looks like.

```
.text, #text, p{  
    color:rgb(168, 255, 227)  
}
```

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(168, 255, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 255, 227) }
```

Border

The CSS property to change the border of an element to YUV 225.7950, 0.5941, -50.6862 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(168, 255, 227) }
```


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

```
.border{ border-color:rgb(168, 255, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 255, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(168, 255,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 225.7950, 0.5941, -50.6862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 255, 227) }
```

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

```
.background{ background-color: rgb(168,  
255, 227) }
```

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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