

# Converting Colors

YUV(215.4200, 19.5129,  
-52.1113)

Have a look what the booklet for  
YUV(215.4200, 19.5129, -52.1113)  
contains.

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# Color

**YUV(215.4200, 19.5129,  
-52.1113)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CEEFF
RGB	156, 238, 255
RGB Percent	61%, 93%, 100%
CMY	0.3882, 0.0667, 0.0000
CMYK	0.39, 0.07, 0.00, 0.00
HSL	190°, 100%, 81%
HSV	190°, 39%, 100%
XYZ	62.3348, 75.4370, 105.8831
YIQ	215.4200, -54.3290, -12.0970

# Conversions

## Conversions Part 2

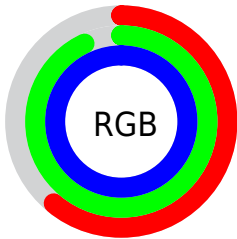
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 201, 255
Decimal	10284799
CIE <sub>Lab</sub>	89.60, -20.75, -16.08
CIE <sub>LCh</sub>	90, 26.252, 217.777
Yxy	75.4370, 0.2558, 0.3096
Android (android.graphics.Color)	4288474879 (0xFF9CEEFF)
YUV	215.4200, 19.5129, -52.1113
Hunter-Lab	86.8545, -23.8871, -11.4815

# Details

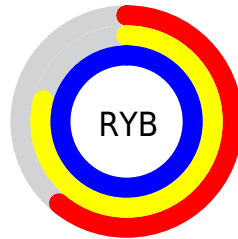
The YUV color **215.4200, 19.5129, -52.1113** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **195.5800, -19.5129, 52.1113**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.7410, 6.0437, -25.2059**, and **159.0070, 19.2235, -52.6261** is the 20% darker color. If you saturate the color by 10%, you get **205.5970, 24.3557, -65.4216**, and if you desaturate by 10%, it is **225.5420, 14.5228, -38.1863**.

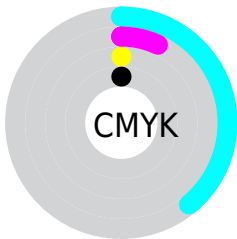
# Distribution



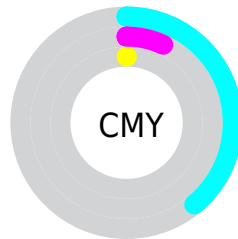
- Red (61%)
- Green (93%)
- Blue (100%)



- Red (61%)
- Yellow (79%)
- Blue (100%)



- Cyan (39%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (7%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 215.4200, 19.5129, -52.1113 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 215.4200, 19.5129, -52.1113 by changing the saturation by 10% instead.



215.4200, 19.5129,  
-52.1113

215.4200, 19.5129,  
-52.1113

255.0000, 0.0000,  
0.0000

187.3060, 19.0761,  
-52.0114

242.7410, 6.0437,  
-25.2059

159.0070, 19.2235,  
-52.6261

251.4120, 1.7689,  
-7.3773

131.4090, 19.5184,  
-53.8557

103.2020, 20.1134,  
-58.0592

74.6140, 21.8823,  
-65.4365

57.0890, 18.1971,  
-50.0671

40.8520, 14.3700,

-35.8272

■ 26.0170, 10.8376,  
-22.8169

■ 3.7790, 11.9410,  
-3.3142

■ 215.4200, 19.5129,  
-52.1113

■ 215.4200, 19.5129,  
-52.1113

■ 205.5970, 24.3557,  
-65.4216

■ 225.5420, 14.5228,  
-38.1863

■ 194.8880, 29.6352,  
-78.8318

■ 235.9520, 9.3907,  
-25.3909

■ 185.0650, 34.4780,  
-92.1420

■ 246.0740, 4.4005,  
-11.4659

■ 174.3560, 39.7575,  
-105.5522

■ 255.0000, 0.0000,  
0.0000

■ 164.5330, 44.6002,  
-118.8624

■ 154.4110, 49.5904,  
-132.7874

■ 152.9270, 50.3220,  
-134.1170

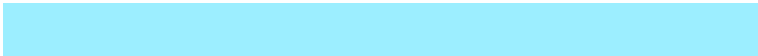
# Harmonies

## Analogous

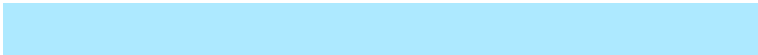
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



215.0540, 7.8614, -48.2824



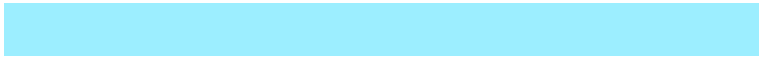
215.4200, 19.5129, -52.1113



217.5680, 18.4540, -39.0861

# Triad

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



215.4200, 19.5129, -52.1113



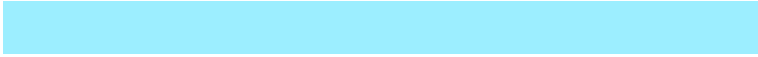
227.4450, 8.6546, 24.1657



223.8880, -23.6088, 12.3762

# Complementary

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



215.4200, 19.5129, -52.1113



195.5800, -19.5129, 52.1113

# 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.



224.1440, -21.7630, 27.0607



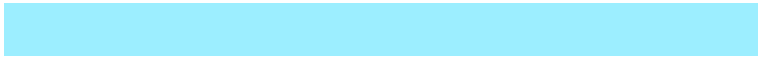
215.4200, 19.5129, -52.1113



222.7200, -1.8340, 28.3096

# Square

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



215.4200, 19.5129, -52.1113



227.6110, 13.5028, 9.1112



221.8590, -12.7485, 29.0647

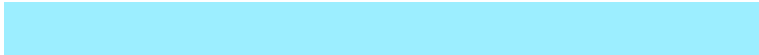


220.6510, -17.5759, -9.3409

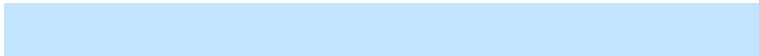


# Rectangle

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



215.4200, 19.5129, -52.1113



220.6130, 16.9528, -24.2166



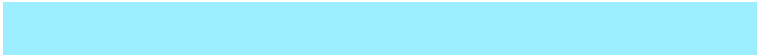
221.8590, -12.7485, 29.0647



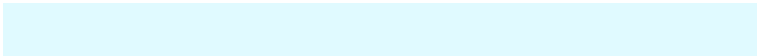
224.4050, -24.3567, 18.9388

# Sweetspot

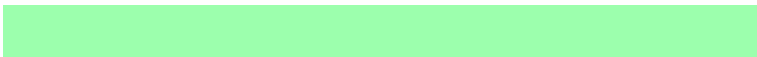
The Sweet Spot groups the original color and five complimentary colors.



215.4200, 19.5129, -52.1113



242.7960, 6.0166, -16.4841



216.0510, -21.2241, -52.6647



120.2700, 3.8109, -9.0068



0.0000, 0.0000, 0.0000

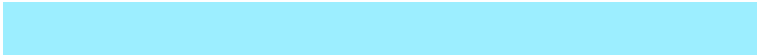


128.0000, 0.0000, 0.0000

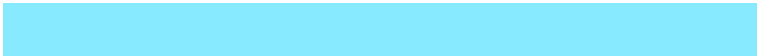


# Same Dimension

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



215.4200, 19.5129, -52.1113



206.7930, 23.7661, -62.9625



186.6570, 33.6931, -26.8862



122.3520, 2.7845, -6.4477



114.5200, 37.7046, -100.4340



38.4070, 12.6173, -33.6829



# Inverse Universe

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



194.9490, 21.2241, 52.6647



182.1660, 25.5542, 63.8754



224.3430, -33.6931, 26.8862



120.0270, 2.4517, 6.9923



75.1210, 40.8593, 101.6259



25.1780, 13.7162, 34.0469



# Previews

## White Background



This preview shows how the YUV color 215.4200, 19.5129, -52.1113 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

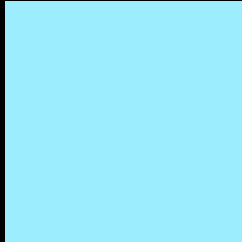
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 215.4200, 19.5129, -52.1113 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 215.4200, 19.5129, -52.1113 Background



This preview shows how black text looks on a background with the YUV color 215.4200, 19.5129, -52.1113.



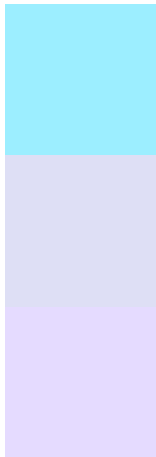
This preview shows how white text looks on a background with the YUV color 215.4200, 19.5129, -52.1113.

-52.1113.

# 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

215.4200, 19.5129, -52.1113

### Protanopia

225.2090, 9.7570, -2.8143

### Deuteranopia

226.0940, 14.2507, 2.5486



## Tritanopia

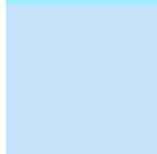
216.6270, 18.9179, -47.9079

# Trichromacy



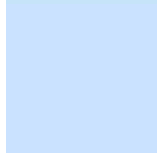
## Original Color

215.4200, 19.5129, -52.1113



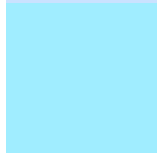
## Protanomaly

221.4240, 13.5950, -20.5428



## Deuteranomaly

222.1300, 16.2049, -17.6540



## Tritanomaly

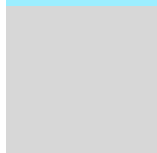
216.0290, 19.2127, -49.1374

# Monochromacy



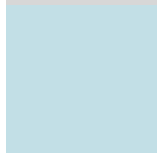
## Original Color

215.4200, 19.5129, -52.1113



## Achromatopsia

215.0000, 0.0000, 0.0000



## Achromatomaly

215.1270, 7.3324, -18.5284

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 215.4200, 19.5129, -52.1113 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, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 238, 255)  
}
```

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, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 238, 255) }
```

## Border

The CSS property to change the border of an element to YUV 215.4200, 19.5129, -52.1113 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, 238, 255) }
```



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

```
.border{ border-color:rgb(156, 238, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 238, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 238, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 238, 255); box-shadow:4px 4px 4px 4px rgb(156, 238, 255) }
```

# Background

The CSS property to change the background color of an element to YUV 215.4200, 19.5129, -52.1113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 238, 255) }
```

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

```
.background{ background-color: rgb(156,  
238, 255) }
```

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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