

# Converting Colors

YUV(211.2890, 21.5495,  
-51.9965)

Have a look what the booklet for  
YUV(211.2890, 21.5495, -51.9965)  
contains.

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# Color

**YUV(211.2890, 21.5495,  
-51.9965)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98E9FF
RGB	152, 233, 255
RGB Percent	60%, 91%, 100%
CMY	0.4039, 0.0863, 0.0000
CMYK	0.40, 0.09, 0.00, 0.00
HSL	193°, 100%, 80%
HSV	193°, 40%, 100%
XYZ	60.1378, 72.1732, 105.3690
YIQ	211.2890, -55.3380, -10.3300

# Conversions

## Conversions Part 2

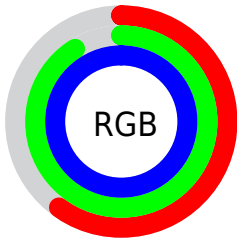
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 197, 255
Decimal	10021375
CIELab	88.05, -19.25, -18.43
CIELCh	88, 26.649, 223.740
Yxy	72.1732, 0.2530, 0.3037
Android (android.graphics.Color)	4288211455 (0xFF98E9FF)
YUV	211.2890, 21.5495, -51.9965
Hunter-Lab	84.9548, -22.3144, -14.0687

# Details

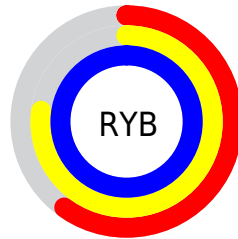
The YUV color **211.2890, 21.5495, -51.9965** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **195.7110, -21.5495, 51.9965**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.5450, 6.6333, -27.6650**, and **154.8760, 21.2601, -52.5113** is the 20% darker color. If you saturate the color by 10%, you get **200.8790, 26.6817, -64.7919**, and if you desaturate by 10%, it is **221.9980, 16.2700, -38.5862**.

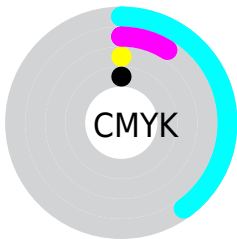
# Distribution



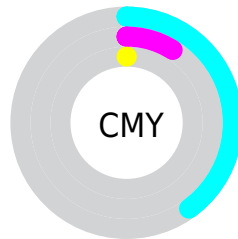
- Red (60%)
- Green (91%)
- Blue (100%)



- Red (60%)
- Yellow (77%)
- Blue (100%)



- Cyan (40%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (9%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 211.2890, 21.5495, -51.9965 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 211.2890, 21.5495, -51.9965 by changing the saturation by 10% instead.



211.2890, 21.5495,  
-51.9965

211.2890, 21.5495,  
-51.9965

255.0000, 0.0000,  
0.0000

182.8760, 21.2601,  
-52.5113

241.5450, 6.6333,  
-27.6650

154.8760, 21.2601,  
-52.5113

250.2160, 2.3585,  
-9.8364

126.9790, 21.7024,  
-54.3556

98.4730, 22.4448,  
-59.1738

71.6790, 23.3293,  
-62.8625

54.7410, 19.3547,  
-48.0079

38.5040, 15.5275,

-33.7680

■ 24.2560, 11.7058,  
-21.2725

■ 3.6650, 11.5042,  
-3.2142

■ 211.2890, 21.5495,  
-51.9965

■ 211.2890, 21.5495,  
-51.9965

■ 200.8790, 26.6817,  
-64.7919

■ 221.9980, 16.2700,  
-38.5862

■ 189.5830, 32.2506,  
-77.6873

■ 232.9950, 10.8485,  
-26.3056

■ 179.1730, 37.3827,  
-90.4827

■ 243.7040, 5.5689,  
-12.8954

■ 167.8770, 42.9516,  
-103.3781

■ 254.7010, 0.1474,  
-0.6148

■ 157.1680, 48.2312, 255.0000, 0.0000,  
-116.7883 0.0000

■ 147.0570, 53.2159,  
-128.9690

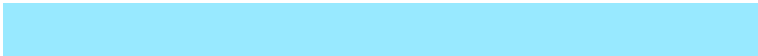
# Harmonies

## Analogous

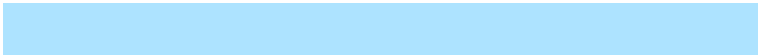
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



209.8410, 10.9244, -50.7266



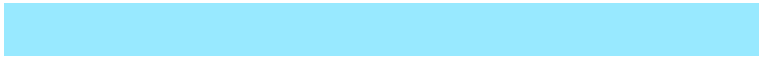
211.2890, 21.5495, -51.9965



214.0460, 20.1903, -35.9973

# Triad

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



211.2890, 21.5495, -51.9965



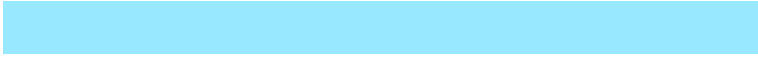
222.8970, 6.4598, 28.1543



218.5670, -23.4505, 8.2727

# Complementary

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



211.2890, 21.5495, -51.9965



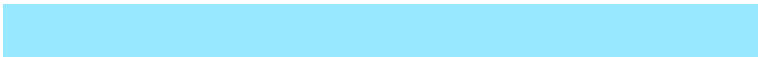
195.7110, -21.5495, 51.9965

# 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.



221.5740, -23.9470, 27.5606



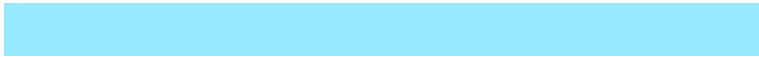
211.2890, 21.5495, -51.9965



219.3460, -4.6076, 31.2686

# Square

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



211.2890, 21.5495, -51.9965



224.3880, 15.0917, 12.8147



219.0720, -15.8115, 31.5089

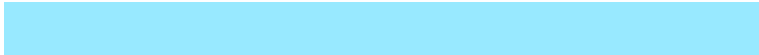


215.4870, -15.5231, -14.4591

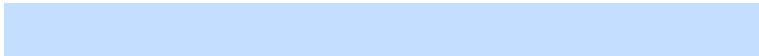


# Rectangle

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



211.2890, 21.5495, -51.9965



217.6890, 18.3943, -19.8983



219.0720, -15.8115, 31.5089



219.3830, -24.3458, 15.4501

# Sweetspot

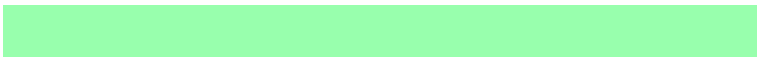
The Sweet Spot groups the original color and five complimentary colors.



211.2890, 21.5495, -51.9965



241.6220, 6.5954, -15.4545



214.8550, -20.6345, -55.1238



120.2700, 3.8109, -9.0068



0.0000, 0.0000, 0.0000

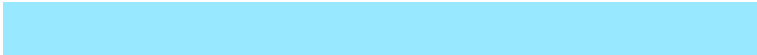


128.0000, 0.0000, 0.0000

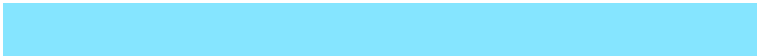


# Same Dimension

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



211.2890, 21.5495, -51.9965



203.2600, 25.5078, -61.6180



181.9390, 36.0191, -26.2565



122.3520, 2.7845, -6.4477



109.8240, 40.0198, -96.3156



36.6460, 13.4855, -32.1385



# Inverse Universe

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



192.0310, 20.1977, 55.2238



180.4220, 23.9490, 65.4049



225.0610, -36.0191, 26.2565



120.0270, 2.4517, 6.9923



74.2090, 37.3650, 102.4257

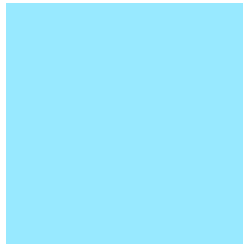


24.8360, 12.4059, 34.3468



# Previews

## White Background



This preview shows how the YUV color 211.2890, 21.5495, -51.9965 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

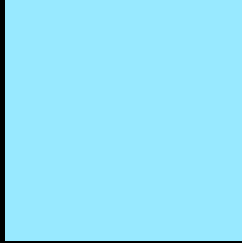
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 211.2890, 21.5495, -51.9965 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 211.2890, 21.5495, -51.9965 Background



This preview shows how black text looks on a background with the YUV color 211.2890, 21.5495, -51.9965.



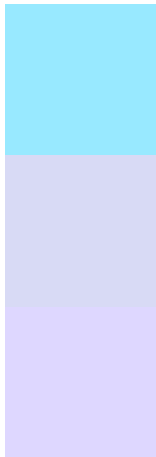
This preview shows how white text looks on a background with the YUV color 211.2890, 21.5495, -51.9965.

-51.9965.

# 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

211.2890, 21.5495, -51.9965

### Protanopia

220.4800, 12.0884, -3.9290

### Deuteranopia

221.6530, 16.4401, 0.3043



## Tritanopia

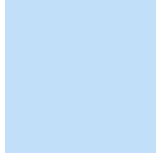
210.6480, 20.3865, -52.3113

# Trichromacy



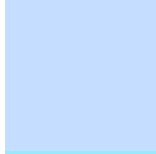
## Original Color

211.2890, 21.5495, -51.9965



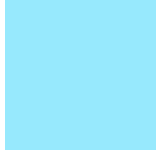
## Protanomaly

216.9940, 15.7790, -21.0427



## Deuteranomaly

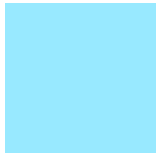
218.2870, 18.0995, -18.6687



## Tritanomaly

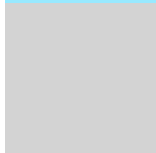
210.7620, 20.8233, -52.4113

# Monochromacy



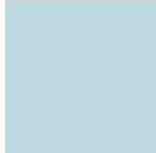
## Original Color

211.2890, 21.5495, -51.9965



## Achromatopsia

211.0000, 0.0000, 0.0000



## Achromatomaly

211.2410, 7.7692, -18.6284

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 211.2890, 21.5495, -51.9965 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(152, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(152, 233, 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(152, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 233, 255) }
```

## Border

The CSS property to change the border of an element to YUV 211.2890, 21.5495, -51.9965 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(152, 233, 255) }
```



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

```
.border{ border-color:rgb(152, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(152, 233,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 211.2890, 21.5495, -51.9965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 233, 255) }
```

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

```
.background{ background-color: rgb(152,  
233, 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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