

# Converting Colors

YUV(218.0560, 18.2134,  
-55.3001)

Have a look what the booklet for  
YUV(218.0560, 18.2134, -55.3001)  
contains.

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# Color

**YUV(218.0560, 18.2134,  
-55.3001)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BF3FF
RGB	155, 243, 255
RGB Percent	61%, 95%, 100%
CMY	0.3922, 0.0471, 0.0000
CMYK	0.39, 0.05, 0.00, 0.00
HSL	187°, 100%, 80%
HSV	187°, 39%, 100%
XYZ	63.6182, 78.2897, 106.3661
YIQ	218.0560, -56.3000, -14.9240

# Conversions

## Conversions Part 2

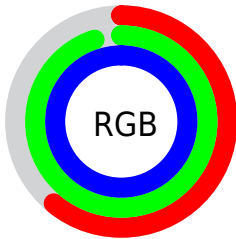
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	155, 202, 255
Decimal	10220543
CIE Lab	90.91, -23.46, -14.12
CIE LCh	91, 27.376, 211.040
Yxy	78.2897, 0.2562, 0.3153
Android (android.graphics.Color)	4288410623 (0xFF9BF3FF)
YUV	218.0560, 18.2134, -55.3001
Hunter-Lab	88.4815, -26.5012, -9.3372

# Details

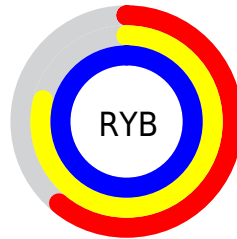
The YUV color **218.0560, 18.2134, -55.3001** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **191.9440, -18.2134, 55.3001**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.4420, 6.1911, -25.8206**, and **161.6430, 17.9240, -55.8149** is the 20% darker color. If you saturate the color by 10%, you get **208.8200, 22.7667, -69.1251**, and if you desaturate by 10%, it is **227.2920, 13.6600, -41.4751**.

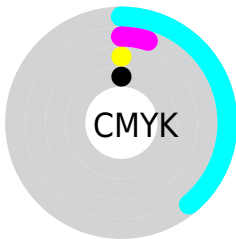
# Distribution



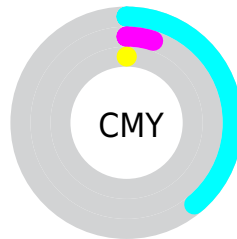
- Red (61%)
- Green (95%)
- Blue (100%)



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



- Cyan (39%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (5%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 218.0560, 18.2134, -55.3001 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 218.0560, 18.2134, -55.3001 by changing the saturation by 10% instead.



218.0560, 18.2134,  
-55.3001

218.0560, 18.2134,  
-55.3001

255.0000, 0.0000,  
0.0000

189.0560, 18.2134,  
-55.3001

242.4420, 6.1911,  
-25.8206

161.6430, 17.9240,  
-55.8149

251.4120, 1.7689,  
-7.3773

133.7460, 18.3662,  
-57.6592

104.7670, 19.8349,  
-62.0627

76.9620, 20.7247,  
-67.4957

59.4370, 17.0396,  
-52.1262

43.2000, 13.2124,

-37.8864

■ 27.7780, 9.9694,  
-24.3613

■ 7.8880, 9.9152,  
-6.9178

■ 218.0560, 18.2134,  
-55.3001

■ 218.0560, 18.2134,  
-55.3001

■ 208.8200, 22.7667,  
-69.1251

■ 227.2920, 13.6600,  
-41.4751

■ 199.2850, 27.4675,  
-83.5649

■ 236.8270, 8.9593,  
-27.0353

■ 190.0490, 32.0208,  
-97.3900

■ 246.3620, 4.2585,  
-12.5955

■ 180.5140, 36.7216,  
-111.8298

■ 255.0000, 0.0000,  
0.0000

■ 170.9790, 41.4224,  
-126.2696

■ 161.7430, 45.9757,  
-140.0946

■ 160.5580, 46.5599,  
-140.8094

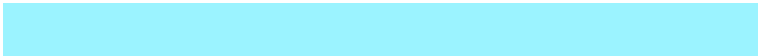
# Harmonies

## Analogous

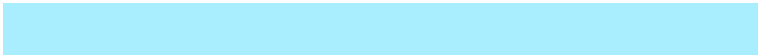
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218.6690, 5.0932, -47.0677



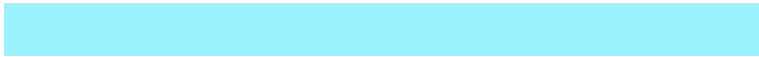
218.0560, 18.2134, -55.3001



219.0080, 17.7441, -44.7340

# Triad

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



218.0560, 18.2134, -55.3001



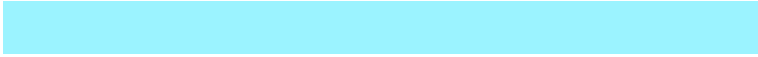
230.9330, 11.8650, 21.1068



227.5790, -24.9354, 17.9092

# Complementary

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



218.0560, 18.2134, -55.3001



191.9440, -18.2134, 55.3001

# 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.



225.7740, -20.5946, 25.6312



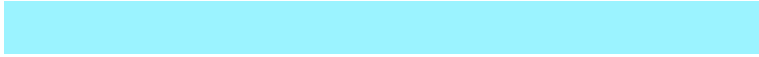
218.0560, 18.2134, -55.3001



225.6210, 1.6658, 25.7654

# Square

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



218.0560, 18.2134, -55.3001



229.6490, 12.4980, 4.6928



223.8310, -10.2697, 27.3352



224.9890, -20.2076, -5.2524

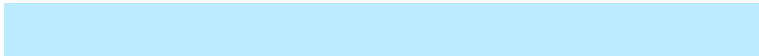


# Rectangle

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



218.0560, 18.2134, -55.3001



222.6400, 15.9535, -30.3793



223.8310, -10.2697, 27.3352



228.6120, -24.9517, 23.1423

# Sweetspot

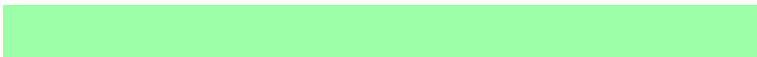
The Sweet Spot groups the original color and five complimentary colors.



218.0560, 18.2134, -55.3001



243.3830, 5.7272, -16.9989



215.0680, -23.6975, -52.6796



120.8570, 3.5215, -9.5216



0.0000, 0.0000, 0.0000

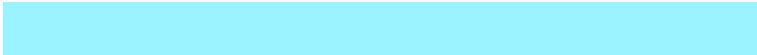


128.0000, 0.0000, 0.0000



# Same Dimension

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



218.0560, 18.2134, -55.3001



210.9020, 21.7403, -66.5661



188.7060, 32.6829, -29.5602



122.9390, 2.4951, -6.9625



120.3900, 34.8107, -105.5820



40.1680, 11.7492, -35.2273



# Inverse Universe

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



194.9320, 23.6975, 52.6796



182.9640, 28.6117, 63.1756



221.2940, -32.6829, 29.5602



120.1410, 2.8885, 6.8923



76.2610, 45.2273, 100.6261

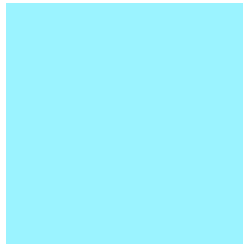


25.5200, 15.0266, 33.7470



# Previews

## White Background



This preview shows how the YUV color 218.0560, 18.2134, -55.3001 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

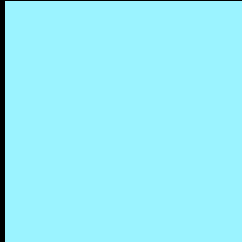
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 218.0560, 18.2134, -55.3001 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

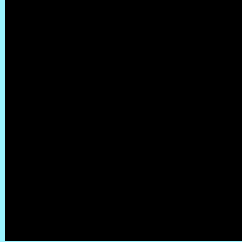
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 218.0560, 18.2134, -55.3001

## Background



This preview shows how black text looks on a background with the YUV color 218.0560, 18.2134, -55.3001.



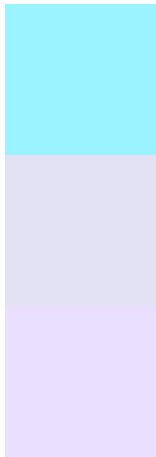
This preview shows how white text looks on a background with the YUV color 218.0560, 18.2134,

-55.3001.

# 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

218.0560, 18.2134, -55.3001

### Protanopia

228.4650, 8.1518, -1.2848

### Deuteranopia

229.9370, 12.3561, 3.5633



## Tritanopia

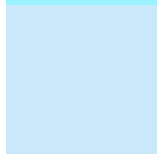
221.3890, 16.5702, -41.5602

# Trichromacy



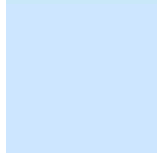
## Original Color

218.0560, 18.2134, -55.3001



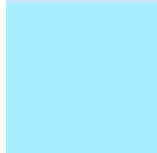
## Protanomaly

224.6690, 11.9952, -20.7577



## Deuteranomaly

225.3750, 14.6051, -17.8689



## Tritanomaly

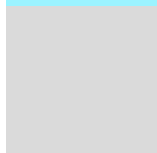
219.8830, 17.3127, -46.3784

# Monochromacy



## Original Color

218.0560, 18.2134, -55.3001



## Achromatopsia

218.0000, 0.0000, 0.0000



## Achromatomaly

217.8880, 6.4642, -20.0728

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 218.0560, 18.2134, -55.3001 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(155, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(155, 243, 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(155, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 243, 255) }
```

## Border

The CSS property to change the border of an element to YUV 218.0560, 18.2134, -55.3001 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(155, 243, 255) }
```



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

```
.border{ border-color:rgb(155, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(155, 243,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 218.0560, 18.2134, -55.3001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 243, 255) }
```

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

```
.background{ background-color: rgb(155,  
243, 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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