

# Converting Colors

YUV(218.1620, 7.3151,  
-59.7781)

Have a look what the booklet for  
YUV(218.1620, 7.3151, -59.7781)  
contains.

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# Color

**YUV(218.1620, 7.3151,  
-59.7781)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96FAE9
RGB	150, 250, 233
RGB Percent	59%, 98%, 91%
CMY	0.4118, 0.0196, 0.0863
CMYK	0.40, 0.00, 0.07, 0.02
HSL	170°, 91%, 78%
HSV	170°, 40%, 98%
XYZ	61.4713, 80.7384, 89.4350
YIQ	218.1620, -54.1430, -26.4870

# Conversions

## Conversions Part 2

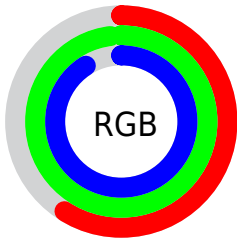
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 205, 250
Decimal	9894633
CIE <sub>Lab</sub>	92.02, -33.19, -1.07
CIE <sub>LCh</sub>	92, 33.204, 181.847
Y <sub>xy</sub>	80.7384, 0.2654, 0.3485
Android (android.graphics.Color)	4288084713 (0xFF96FAE9)
YUV	218.1620, 7.3151, -59.7781
Hunter-Lab	89.8546, -35.1302, 3.8851

# Details

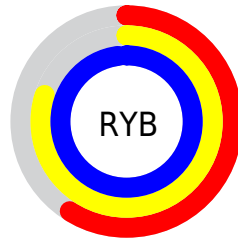
The YUV color **218.1620, 7.3151, -59.7781** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **181.8380, -7.3151, 59.7781**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9470, 6.9281, -28.8945**, and **161.2760, 7.7519, -59.8781** is the 20% darker color. If you saturate the color by 10%, you get **210.2310, 9.2531, -74.7476**, and if you desaturate by 10%, it is **226.0930, 5.3772, -44.8086**.

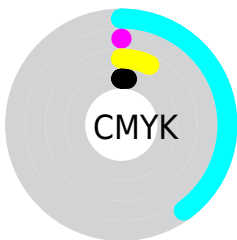
# Distribution



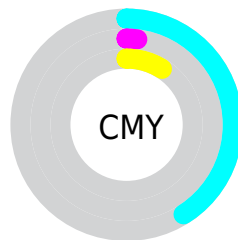
- Red (59%)
- Green (98%)
- Blue (91%)



- Red (59%)
- Yellow (80%)
- Blue (98%)



- Cyan (40%)
- Magenta (0%)
- Yellow (7%)
- Black (2%)



- Cyan (41%)
- Magenta (2%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 218.1620, 7.3151, -59.7781 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 218.1620, 7.3151, -59.7781 by changing the saturation by 10% instead.



218.1620, 7.3151,  
-59.7781

218.1620, 7.3151,  
-59.7781

255.0000, 0.0000,  
0.0000

189.2760, 7.7519,  
-59.8781

240.9470, 6.9281,  
-28.8945

161.2760, 7.7519,  
-59.8781

249.9170, 2.5059,  
-10.4512

133.4930, 8.6310,  
-61.8224

103.9160, 10.3944,  
-67.4553

77.7310, 10.9786,  
-68.1701

60.3200, 7.7302,  
-52.9006

43.7240, 5.0661,

-38.3459

■ 28.3020, 1.8231,  
-24.8209

■ 9.3580, 0.3165,  
-8.2070

■ 218.1620, 7.3151,  
-59.7781

■ 218.1620, 7.3151,  
-59.7781

■ 210.2310, 9.2531,  
-74.7476

■ 226.0930, 5.3772,  
-44.8086

■ 202.3000, 11.1911,  
-89.7171

■ 234.1380, 3.8760,  
-29.9390

■ 194.2550, 12.6923,  
-104.5866

■ 242.0690, 1.9380,  
-14.9695

■ 186.3240, 14.6303,  
-119.5561

■ 250.0000, 0.0000,  
0.0000

■ 178.3930, 16.5683,  
-134.5257

■ 251.9510, 1.0102,  
2.6740

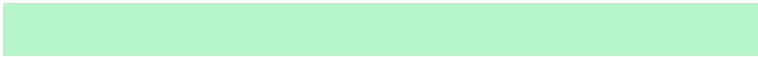
■ 170.4620, 18.5062,  
-149.4952

■ 252.0650, 1.4470,  
2.5740

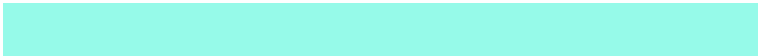
# Harmonies

## Analogous

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



222.3210, -10.5113, -35.3615



218.1620, 7.3151, -59.7781



215.8970, 19.2778, -70.0697

# Triad

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



218.1620, 7.3151, -59.7781



231.7310, 11.4716, 7.2519



225.5630, -23.9416, 25.8162

# Complementary

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



218.1620, 7.3151, -59.7781



181.8380, -7.3151, 59.7781

# 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.



222.9020, -11.2907, 28.1499



218.1620, 7.3151, -59.7781



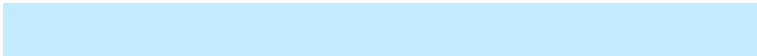
230.3460, 12.1544, 21.6216

# Square

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



218.1620, 7.3151, -59.7781



224.7330, 14.9216, -26.0758



225.2620, 2.8288, 26.0802

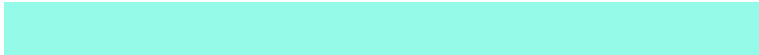


230.3960, -30.7612, 19.8237



# Rectangle

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



218.1620, 7.3151, -59.7781



216.8270, 18.8193, -62.9923



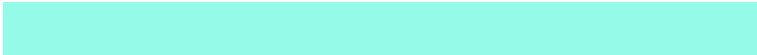
225.2620, 2.8288, 26.0802



224.4860, -20.4526, 26.7608

# Sweetspot

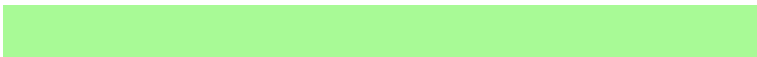
The Sweet Spot groups the original color and five complimentary colors.



218.1620, 7.3151, -59.7781



245.1610, 2.3856, -18.5582



214.0820, -31.5924, -40.4139



122.1620, 0.9061, -10.6661



0.0000, 0.0000, 0.0000

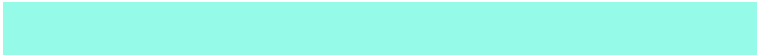


128.0000, 0.0000, 0.0000

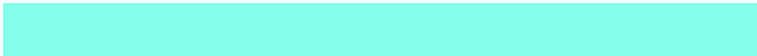


# Same Dimension

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



218.1620, 7.3151, -59.7781



216.1280, 8.8109, -72.9033



201.3160, 24.0012, -45.0041



120.8850, 1.0427, -7.7921



128.8410, 13.8824, -112.9936



41.6210, 4.6238, -36.5016



# Inverse Universe

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



181.8380, -7.3151, 59.7781



171.7580, -9.2477, 73.0032



198.6840, -24.0012, 45.0041



116.2290, -0.6059, 7.6922



60.1590, -13.8824, 112.9936

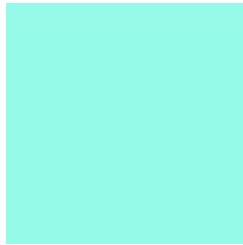


19.3790, -4.6238, 36.5016



# Previews

## White Background



This preview shows how the YUV color 218.1620, 7.3151, -59.7781 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

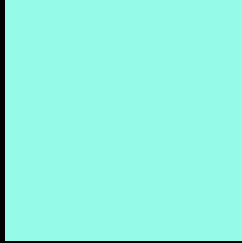
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 218.1620, 7.3151, -59.7781 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

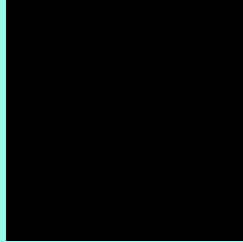
Any Text WCAG AA ✓ Pass

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 218.1620, 7.3151, -59.7781 Background



This preview shows how black text looks on a background with the YUV color 218.1620, 7.3151, -59.7781.



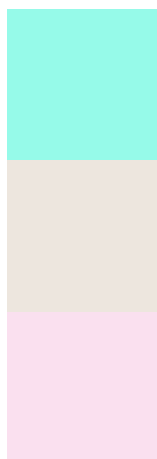
This preview shows how white text looks on a background with the YUV color 218.1620, 7.3151,

-59.7781.

# 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

218.1620, 7.3151, -59.7781

### Protanopia

231.1810, -4.5262, 5.1033

### Deuteranopia

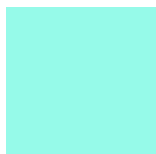
233.4840, 2.7194, 14.4845



## Tritanopia

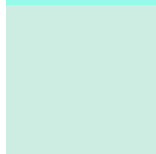
225.8520, 14.3700, -35.8272

# Trichromacy



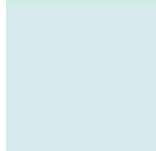
## Original Color

218.1620, 7.3151, -59.7781



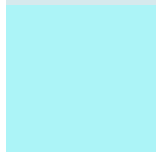
## Protanomaly

226.1780, -0.0878, -18.5731



## Deuteranomaly

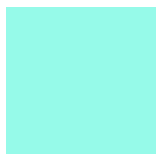
227.7750, 4.5479, -12.0807



## Tritanomaly

222.8140, 11.9237, -44.5639

# Monochromacy



## Original Color

218.1620, 7.3151, -59.7781



## Achromatopsia

218.0000, 0.0000, 0.0000



## Achromatomaly

218.1390, 2.3965, -22.0469

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 218.1620, 7.3151, -59.7781 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(150, 250, 233)` looks like.

```
.text, #text, p{  
    color:rgb(150, 250, 233)  
}
```

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(150, 250, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 250, 233) }
```

## Border

The CSS property to change the border of an element to YUV 218.1620, 7.3151, -59.7781 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(150, 250, 233) }
```



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

```
.border{ border-color:rgb(150, 250, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 250, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 250, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 250, 233);  
box-shadow:4px 4px 4px 4px rgb(150, 250,  
233) }
```

# Background

The CSS property to change the background color of an element to YUV 218.1620, 7.3151, -59.7781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 250, 233) }
```

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

```
.background{ background-color: rgb(150,  
250, 233) }
```

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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