

# Converting Colors

YUV(202.3870, 9.1762,  
-96.8094)

Have a look what the booklet for  
YUV(202.3870, 9.1762, -96.8094)  
contains.

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# Color

**YUV(202.3870, 9.1762,  
-96.8094)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CFFDD
RGB	92, 255, 221
RGB Percent	36%, 100%, 87%
CMY	0.6392, 0.0000, 0.1333
CMYK	0.64, 0.00, 0.13, 0.00
HSL	167°, 100%, 68%
HSV	167°, 64%, 100%
XYZ	53.2248, 79.0158, 80.8529
YIQ	202.3870, -86.2340, -45.1300

# Conversions

## Conversions Part 2

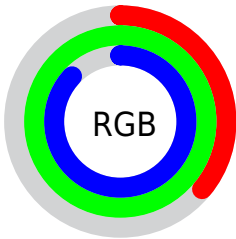
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 183, 255
Decimal	6094813
CIELab	91.24, -50.12, 3.79
CIELCh	91, 50.266, 175.677
Yxy	79.0158, 0.2498, 0.3708
Android (android.graphics.Color)	4284284893 (0xFF5CFFDD)
YUV	202.3870, 9.1762, -96.8094
Hunter-Lab	88.8908, -48.6792, 8.2948

# Details

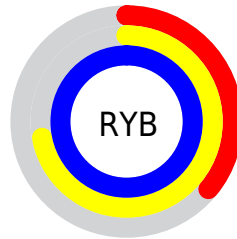
The YUV color **202.3870, 9.1762, -96.8094** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **144.6130, -9.1762, 96.8094**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.9970, 14.2985, -59.6334**, and **134.5630, 15.4984, -118.0118** is the 20% darker color. If you saturate the color by 10%, you get **194.3420, 10.6774, -111.6789**, and if you desaturate by 10%, it is **210.7310, 7.5276, -81.3251**.

# Distribution



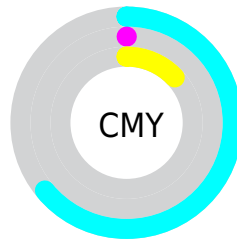
- Red (36%)
- Green (100%)
- Blue (87%)



- Red (36%)
- Yellow (72%)
- Blue (100%)



- Cyan (64%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (64%)
- Magenta (0%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 202.3870, 9.1762, -96.8094 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 202.3870, 9.1762, -96.8094 by changing the saturation by 10% instead.



202.3870, 9.1762,  
-96.8094

202.3870, 9.1762,  
-96.8094

255.0000, 0.0000,  
0.0000

170.2120, 11.2345,  
-103.6719

225.9970, 14.2985,  
-59.6334

134.5630, 15.4984,  
-118.0118

235.2660, 9.7289,  
-40.5753

115.7500, 11.9552,  
-101.5127

244.5350, 5.1592,  
-21.5172

96.3500, 8.7015,  
-84.4989

253.8040, 0.5896,  
-2.4591

78.3520, 5.7425,  
-68.7147

60.3540, 2.7835,  
-52.9305

43.1710, 0.4087,

-37.8610

■ 28.5640, -2.2501,  
-25.0506

■ 4.6960, -2.3151,  
-4.1184

■ 202.3870, 9.1762,  
-96.8094

■ 202.3870, 9.1762,  
-96.8094

■ 194.3420, 10.6774,  
-111.6789

■ 210.7310, 7.5276,  
-81.3251

■ 185.8840, 11.8892,  
-127.0633

■ 218.8900, 6.4632,  
-66.5555

■ 177.8390, 13.3904,  
-141.9328

■ 227.2340, 4.8146,  
-51.0712

■ 172.7130, 14.4385,  
-151.4693

■ 235.2790, 3.3135,  
-36.2017

■ 243.7370, 2.1017,  
-20.8173

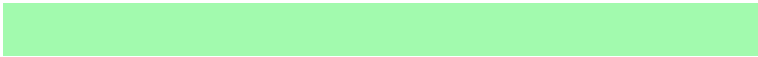
■ 251.7820, 0.6005,  
-5.9478

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



215.0240, -20.2248, -46.5020



202.3870, 9.1762, -96.8094



178.7550, 37.5888, -156.7681

# Triad

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



202.3870, 9.1762, -96.8094



225.4850, 14.5509, -0.4253



215.6690, -31.3888, 34.4933

# Complementary

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



202.3870, 9.1762, -96.8094



144.6130, -9.1762, 96.8094

# 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.



212.4840, -10.5916, 37.2865



202.3870, 9.1762, -96.8094



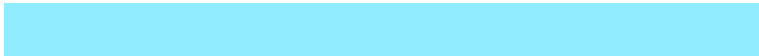
224.4760, 15.0483, 26.7695

# Square

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



202.3870, 9.1762, -96.8094



211.2450, 21.5712, -58.9739



216.1950, 11.2429, 34.0320



223.4820, -44.6076, 27.6413



# Rectangle

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



202.3870, 9.1762, -96.8094



176.4070, 38.7463, -154.7089



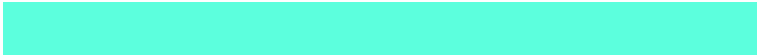
216.1950, 11.2429, 34.0320



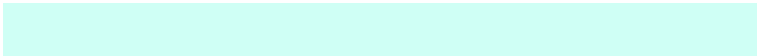
213.9880, -25.1371, 35.9675

# Sweetspot

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



202.3870, 9.1762, -96.8094



239.5080, 2.7076, -28.5095



198.1460, -52.3300, -62.3950



118.2320, 1.3646, -17.7435



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.



202.3870, 9.1762, -96.8094



191.7220, 10.9831, -116.3972



179.2610, 37.3393, -76.5279



123.7710, 0.6059, -7.6922



129.3310, 10.6828, -113.4233



43.2680, 3.3189, -37.9460



# Inverse Universe

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



144.6130, -9.1762, 96.8094



122.2780, -10.9831, 116.3972



167.7390, -37.3393, 76.5279



119.1150, -1.0427, 7.7921



61.6690, -10.6828, 113.4233

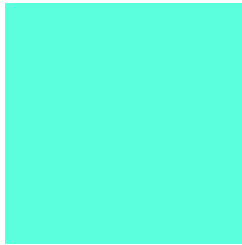


20.6180, -3.7557, 38.0460



# Previews

## White Background



This preview shows how the YUV color 202.3870, 9.1762, -96.8094 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

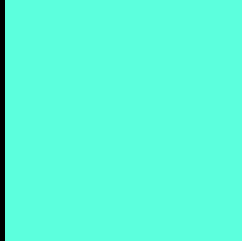
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 202.3870, 9.1762, -96.8094 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

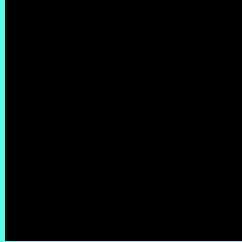
Any Text WCAG AA ✓ Pass

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 202.3870, 9.1762, -96.8094 Background



This preview shows how black text looks on a background with the YUV color 202.3870, 9.1762, -96.8094.



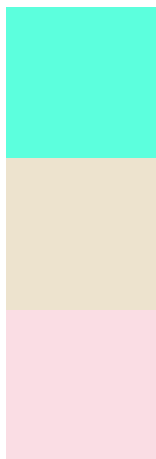
This preview shows how white text looks on a background with the YUV color 202.3870, 9.1762, -96.8094.

-96.8094.

# 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

202.3870, 9.1762, -96.8094

### Protanopia

227.5960, -10.6468, 8.2473

### Deuteranopia

230.4690, -1.2172, 17.1287



## Tritanopia

219.8720, 17.3181, -48.1227

# Trichromacy



## Original Color

202.3870, 9.1762, -96.8094



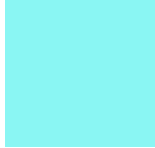
## Protanomaly

218.1890, -3.5442, -29.9838



## Deuteranomaly

220.1280, 2.4019, -23.7913



## Tritanomaly

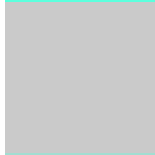
213.3660, 14.6096, -66.0960

# Monochromacy



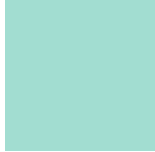
## Original Color

202.3870, 9.1762, -96.8094



## Achromatopsia

202.0000, 0.0000, 0.0000



## Achromatomaly

201.9910, 3.4554, -35.0721

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 202.3870, 9.1762, -96.8094 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(92, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(92, 255, 221)  
}
```

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(92, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 255, 221) }
```

## Border

The CSS property to change the border of an element to YUV 202.3870, 9.1762, -96.8094 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(92, 255, 221) }
```



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

```
.border{ border-color:rgb(92, 255, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 255, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(92, 255,  
221) }
```

# Background

The CSS property to change the background color of an element to YUV 202.3870, 9.1762, -96.8094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 255, 221) }
```

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

```
.background{ background-color: rgb(92, 255,  
221) }
```

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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