

# Converting Colors

YUV(219.8940, -103.4777,  
9.7400)

Have a look what the booklet for  
YUV(219.8940, -103.4777, 9.7400)  
contains.

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# Color

**YUV(219.8940, -103.4777,  
9.7400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7FF0A
RGB	231, 255, 10
RGB Percent	91%, 100%, 4%
CMY	0.0941, 0.0000, 0.9608
CMYK	0.09, 0.00, 0.96, 0.00
HSL	66°, 100%, 52%
HSV	66°, 96%, 100%
XYZ	68.7698, 88.5308, 13.7508
YIQ	219.8940, 64.3410, -81.2830

# Conversions

## Conversions Part 2

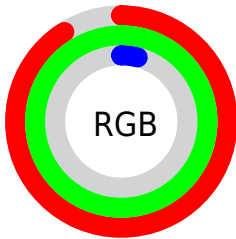
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	10, 255, 34
Decimal	15204106
CIE <sub>Lab</sub>	95.38, -31.23, 91.70
CIE <sub>LCh</sub>	95, 96.871, 108.808
Yxy	88.5308, 0.4020, 0.5176
Android (android.graphics.Color)	4293394186 (0xFFE7FF0A)
YUV	219.8940, -103.4777, 9.7400
Hunter-Lab	94.0908, -34.1956, 57.1987

# Details

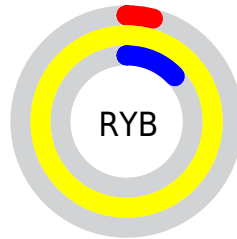
The YUV color **219.8940, -103.4777, 9.7400** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **45.1060, 103.4777, -9.7400**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.1020, -68.5773, 15.6965**, and **167.0560, -82.3586, 2.5819** is the 20% darker color. If you saturate the color by 10%, you get **218.4550, -107.6983, 10.1250**, and if you desaturate by 10%, it is **223.3420, -92.8526, 8.4701**.

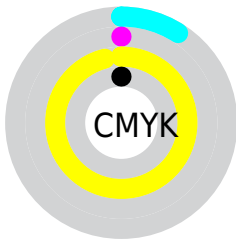
# Distribution



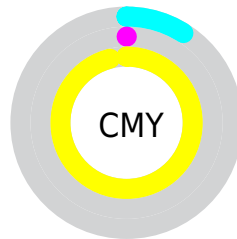
- Red (91%)
- Green (100%)
- Blue (4%)



- Red (4%)
- Yellow (100%)
- Blue (13%)



- Cyan (9%)
- Magenta (0%)
- Yellow (96%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 219.8940, -103.4777, 9.7400 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 219.8940, -103.4777, 9.7400 by changing the saturation by 10% instead.



219.8940,  
-103.4777, 9.7400

219.8940,  
-103.4777, 9.7400

255.0000, 0.0000,  
0.0000

192.7610,  
-95.0312, 7.2256

237.1020,  
-68.5773, 15.6965

167.0560,  
-82.3586, 2.5819

240.6360,  
-55.0365, 12.5972

142.5360,  
-70.2702, -1.3471

244.0560,  
-41.9326, 9.5979

118.6030,  
-58.4713, -5.7908

247.4760,  
-28.8287, 6.5985

94.3710, -46.5249,  
-10.8494

250.8960,  
-15.7247, 3.5992

71.0250, -35.0153,  
-15.8079

254.4300, -2.1840,

47.9670, -23.6477,

0.4999

-21.8961

■ 27.5890, -13.6014,  
-24.1956

■ 15.8490, -7.8136,  
-13.8996

■ 219.8940,  
-103.4777, 9.7400

■ 219.8940,  
-103.4777, 9.7400

■ 218.4550,  
-107.6983, 10.1250

■ 223.3420,  
-92.8526, 8.4701

■ 227.2030,  
-81.9381, 7.7150

■ 230.7650,  
-70.8761, 6.3451

■ 234.5120,  
-60.3984, 5.6900

■ 238.0740,  
-49.3365, 4.3201

■ 241.8210,  
-38.8588, 3.6650

■ 245.3830,  
-27.7968, 2.2951

■ 249.1300,  
-17.3191, 1.6400

■ 252.6920, -6.2572,  
0.2701

# Harmonies

## Analogous

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



209.5740, -97.8970, 39.8386



219.8940, -103.4777, 9.7400



195.1860, -42.9827, -73.8311

# Triad

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



219.8940, -103.4777, 9.7400



178.7550, 37.5888, -156.7681



194.5390, 29.8073, 53.0243

# Complementary

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



219.8940, -103.4777, 9.7400



45.1060, 103.4777, -9.7400

# 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.



216.2580, 19.0998, 33.9767



219.8940, -103.4777, 9.7400



178.7550, 37.5888, -156.7681

# Square

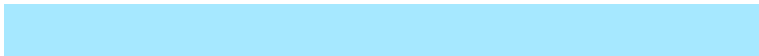
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



219.8940, -103.4777, 9.7400



178.7550, 37.5888, -156.7681



214.8880, 19.7752, -42.8748



185.6130, 0.6838, 60.8524



# Rectangle

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



219.8940, -103.4777, 9.7400



169.0650, 0.4610, -148.2700



214.8880, 19.7752, -42.8748



200.4090, 26.9134, 47.8763

# Sweetspot

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



219.8940, -103.4777, 9.7400



244.4710, -31.2912, 3.0949



94.9950, -41.9025, 140.3244



121.3750, -18.9189, 1.4251



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.



219.8940, -103.4777, 9.7400



218.4550, -107.6983, 10.1250



184.3130, -85.9363, -63.4185



125.9200, -5.3836, 0.0702



163.8440, -80.7751, 8.0298



54.9100, -27.0706, 2.7099



# Inverse Universe

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



45.1060, 103.4777, -9.7400



36.5450, 107.6983, -10.1250



80.6870, 85.9363, 63.4185



116.7810, 5.5310, -0.6849



27.4550, 80.6277, -7.4150

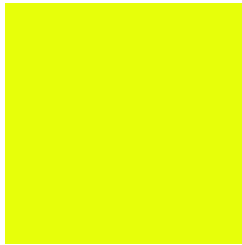


9.0900, 27.0706, -2.7099



# Previews

## White Background



This preview shows how the YUV color 219.8940, -103.4777, 9.7400 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

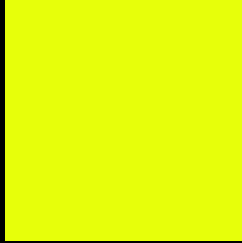
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 219.8940, -103.4777, 9.7400 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 219.8940, -103.4777, 9.7400

## Background



This preview shows how black text looks on a background with the YUV color 219.8940, -103.4777, 9.7400.



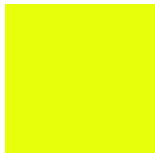
This preview shows how white text looks on a background with the YUV color 219.8940, -103.4777, 9.7400.



# 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



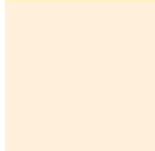
### Original Color

219.8940, -103.4777, 9.7400



### Protanopia

239.6170, -25.9402, 13.4909



### Deuteranopia

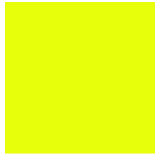
241.5040, -11.0945, 11.8360



## Tritanopia

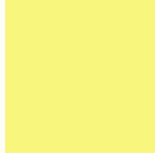
242.6400, 6.0935, 5.5777

# Trichromacy



## Original Color

219.8940, -103.4777, 9.7400



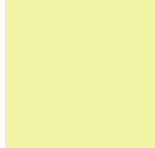
## Protanomaly

232.5650, -54.0155, 11.7825



## Deuteranomaly

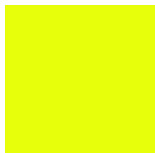
233.6710, -44.7008, 10.8125



## Tritanomaly

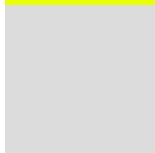
234.5100, -33.7754, 6.5687

# Monochromacy



## Original Color

219.8940, -103.4777, 9.7400



## Achromatopsia

220.0000, 0.0000, 0.0000



## Achromatomaly

220.1630, -37.5484, 3.3650

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 219.8940, -103.4777, 9.7400 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(231, 255, 10)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 10)  
}
```

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(231, 255, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 10) }
```

## Border

The CSS property to change the border of an element to YUV 219.8940, -103.4777, 9.7400 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(231, 255, 10) }
```



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

```
.border{ border-color:rgb(231, 255, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 255, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 10);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
10) }
```

# Background

The CSS property to change the background color of an element to YUV 219.8940, -103.4777, 9.7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 10) }
```

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

```
.background{ background-color: rgb(231,  
255, 10) }
```

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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