

# Converting Colors

YUV(208.2940, -3.1029,  
-78.3108)

Have a look what the booklet for  
YUV(208.2940, -3.1029, -78.3108)  
contains.

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# Color

**YUV(208.2940, -3.1029,  
-78.3108)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77FFCA
RGB	119, 255, 202
RGB Percent	47%, 100%, 79%
CMY	0.5333, 0.0000, 0.2078
CMYK	0.53, 0.00, 0.21, 0.00
HSL	157°, 100%, 73%
HSV	157°, 53%, 100%
XYZ	54.0284, 79.7062, 68.4144
YIQ	208.2940, -64.0430, -45.3150

# Conversions

## Conversions Part 2

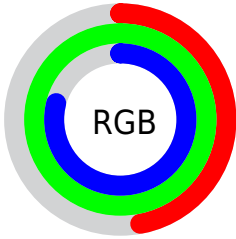
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 203, 255
Decimal	7864266
CIELab	91.55, -49.40, 14.14
CIELCh	92, 51.384, 164.033
Yxy	79.7062, 0.2673, 0.3943
Android (android.graphics.Color)	4286054346 (0xFF77FFCA)
YUV	208.2940, -3.1029, -78.3108
Hunter-Lab	89.2783, -48.2145, 17.0607

# Details

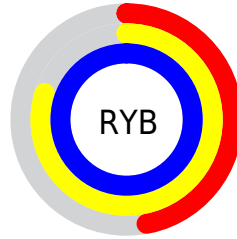
The YUV color **208.2940, -3.1029, -78.3108** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **165.7060, 3.1029, 78.3108**, and the grayscale version is **208.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.2760, 11.2029, -46.7231**, and **148.0590, -0.0291, -84.2437** is the 20% darker color. If you saturate the color by 10%, you get **199.6790, -3.7857, -92.6805**, and if you desaturate by 10%, it is **217.2080, -2.5675, -63.3264**.

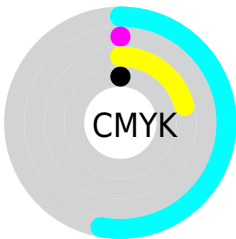
# Distribution



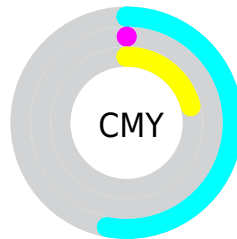
- Red (47%)
- Green (100%)
- Blue (79%)



- Red (47%)
- Yellow (80%)
- Blue (100%)



- Cyan (53%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)




- Cyan (53%)
- Magenta (0%)
- Yellow (21%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 208.2940, -3.1029, -78.3108 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 208.2940, -3.1029, -78.3108 by changing the saturation by 10% instead.




 208.2940, -3.1029,  
-78.3108

 208.2940, -3.1029,  
-78.3108


255.0000, 0.0000,  
0.0000


 178.9240, -1.9345,  
-79.7403


 232.2760, 11.2029,  
-46.7231


 148.0590, -0.0291,  
-84.2437


 241.2460, 6.7807,  
-28.2797


 113.6980, 4.0929,  
-99.7131

 250.5150, 2.2111,  
-9.2217

 94.4120, 1.2759,  
-82.7993

 76.4140, -1.6831,  
-67.0151

 58.5300, -4.2053,  
-51.3308

 42.0480, -6.4327,

-36.8761

■ 26.3980, -10.5492,  
-23.1510

■ 6.4570, -3.1833,  
-5.6628

■ 208.2940, -3.1029,  
-78.3108

■ 208.2940, -3.1029,  
-78.3108

■ 199.6790, -3.7857,  
-92.6805

■ 217.2080, -2.5675,  
-63.3264

■ 190.7650, -4.3211,  
-107.6649

■ 225.8230, -1.8847,  
-48.9568

■ 181.8510, -4.8565,  
-122.6493

■ 234.4380, -1.2019,  
-34.5871

■ 173.2360, -5.5393,  
-137.0190

■ 243.3520, -0.6665,  
-19.6027

■ 167.4690, -5.6542,  
-146.8703

■ 252.2660, -0.1311,  
-4.6183

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.



218.9030, -30.0252, -29.7329



208.2940, -3.1029, -78.3108



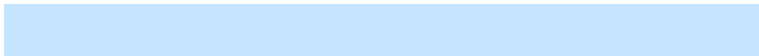
178.5270, 36.7152, -156.5682

# Triad

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



208.2940, -3.1029, -78.3108



221.5100, 16.5106, -22.3723



213.5150, -24.4109, 36.3823

# Complementary

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



208.2940, -3.1029, -78.3108



165.7060, 3.1029, 78.3108

# 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.



212.7750, -1.8611, 37.0313



208.2940, -3.1029, -78.3108



227.9980, 13.3120, 23.6808

# Square

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



208.2940, -3.1029, -78.3108



202.2090, 26.0260, -87.8833



219.7800, 17.3635, 30.8879

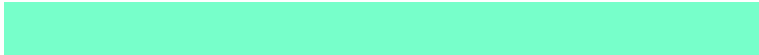


220.3020, -41.5609, 30.4301



# Rectangle

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



208.2940, -3.1029, -78.3108



178.7550, 37.5888, -156.7681



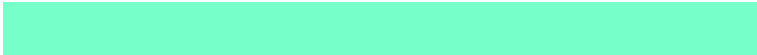
219.7800, 17.3635, 30.8879



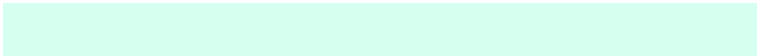
212.1760, -16.8488, 37.5566

# Sweetspot

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



208.2940, -3.1029, -78.3108



240.9170, -0.9451, -23.6062



214.9780, -47.3172, -36.8147



119.3850, -0.6828, -14.3696



0.0000, 0.0000, 0.0000

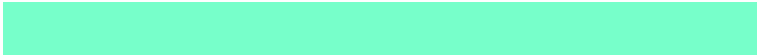


128.0000, 0.0000, 0.0000



# Same Dimension

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



208.2940, -3.1029, -78.3108



198.9670, -3.9277, -93.8101



206.1180, 24.0988, -76.4025



123.5430, -0.2677, -7.4922



125.4550, -4.1683, -110.0240



42.0140, -1.4859, -36.8463



# Inverse Universe

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



165.7060, 3.1029, 78.3108



147.9190, 3.4909, 93.9100



167.8820, -24.0988, 76.4025



119.4570, 0.2677, 7.4922



65.6590, 4.6051, 109.9241

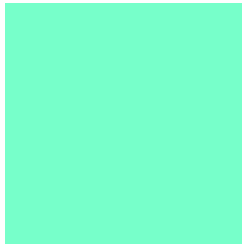


21.9860, 1.4859, 36.8463



# Previews

## White Background



This preview shows how the YUV color 208.2940, -3.1029, -78.3108 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

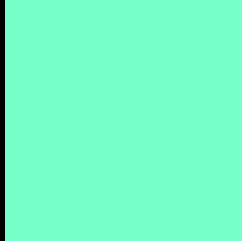
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 208.2940, -3.1029, -78.3108 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

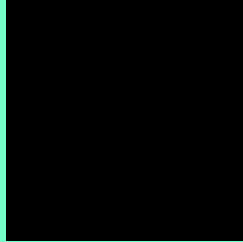
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 208.2940, -3.1029, -78.3108

## Background



This preview shows how black text looks on a background with the YUV color 208.2940, -3.1029, -78.3108.



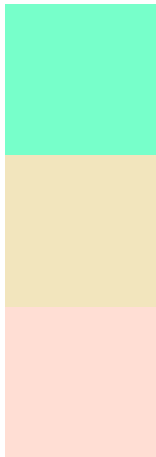
This preview shows how white text looks on a background with the YUV color 208.2940, -3.1029, -78.3108.

-78.3108.

# 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

208.2940, -3.1029, -78.3108

### Protanopia

228.3270, -19.3882, 11.9912

### Deuteranopia

230.7270, -9.2324, 21.2874



## Tritanopia

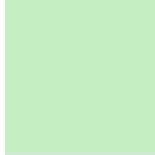
222.5630, 15.9914, -42.5898

# Trichromacy



## Original Color

208.2940, -3.1029, -78.3108



## Protanomaly

220.7250, -13.1754, -20.8068



## Deuteranomaly

222.6640, -7.2294, -14.6143



## Tritanomaly

217.3520, 9.1935, -55.5597

# Monochromacy



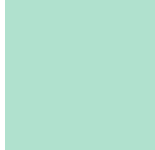
## Original Color

208.2940, -3.1029, -78.3108



## Achromatopsia

208.0000, 0.0000, 0.0000



## Achromatomaly

208.1830, -1.0762, -28.2245

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 208.2940, -3.1029, -78.3108 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(119, 255, 202)` looks like.

```
.text, #text, p{  
    color:rgb(119, 255, 202)  
}
```

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(119, 255, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 255, 202) }
```

## Border

The CSS property to change the border of an element to YUV 208.2940, -3.1029, -78.3108 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(119, 255, 202) }
```



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

```
.border{ border-color:rgb(119, 255, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 255, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 255, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 255, 202); box-shadow:4px 4px 4px 4px rgb(119, 255, 202) }
```

# Background

The CSS property to change the background color of an element to YUV 208.2940, -3.1029, -78.3108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 255, 202) }
```

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

```
.background{ background-color: rgb(119,  
255, 202) }
```

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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