

# Converting Colors

YUV(202.2770, -0.6296,  
-78.2959)

Have a look what the booklet for  
YUV(202.2770, -0.6296, -78.2959)  
contains.

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# Color

**YUV(202.2770, -0.6296,  
-78.2959)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71F8C9
RGB	113, 248, 201
RGB Percent	44%, 97%, 79%
CMY	0.5569, 0.0275, 0.2118
CMYK	0.54, 0.00, 0.19, 0.03
HSL	159°, 91%, 71%
HSV	159°, 54%, 97%
XYZ	50.9201, 74.8626, 67.0245
YIQ	202.2770, -65.3730, -43.2370

# Conversions

## Conversions Part 2

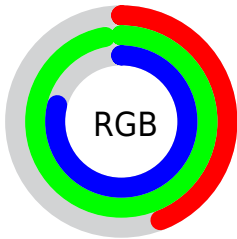
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 195, 248
Decimal	7469257
CIE <sub>Lab</sub>	89.33, -47.91, 11.47
CIE <sub>LCh</sub>	89, 49.268, 166.540
Yxy	74.8626, 0.2641, 0.3883
Android (android.graphics.Color)	4285659337 (0xFF71F8C9)
YUV	202.2770, -0.6296, -78.2959
Hunter-Lab	86.5232, -46.3658, 14.6377

# Details

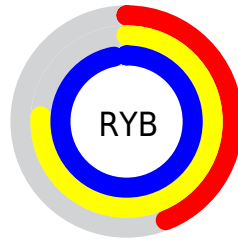
The YUV color  $202.2770, -0.6296, -78.2959$  is a light color, and the websafe version is hex  $66FFCC$ . A complement of this color would be  $158.7230, 0.6296, 78.2959$ , and the grayscale version is  $202.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $230.4820, 12.0874, -50.4117$ , and  $142.0310, 2.4497, -85.9732$  is the 20% darker color. If you saturate the color by 10%, you get  $193.7760, -0.8756, -92.7656$ , and if you desaturate by 10%, it is  $210.7780, -0.3836, -63.8263$ .

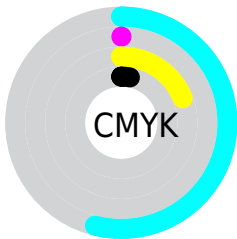
# Distribution



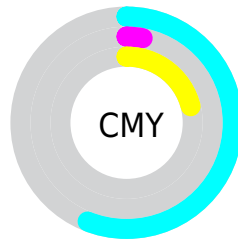
- Red (44%)
- Green (97%)
- Blue (79%)



- Red (44%)
- Yellow (76%)
- Blue (97%)



- Cyan (54%)
- Magenta (0%)
- Yellow (19%)
- Black (3%)



- Cyan (56%)
- Magenta (3%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 202.2770, -0.6296, -78.2959 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 202.2770, -0.6296, -78.2959 by changing the saturation by 10% instead.





 202.2770, -0.6296,  
-78.2959

 202.2770, -0.6296,  
-78.2959

255.0000, 0.0000,  
0.0000

 172.6080, 0.6863,  
-80.3402

 230.4820, 12.0874,  
-50.4117

 142.0310, 2.4497,  
-85.9732


 239.4520, 7.6652,  
-31.9684

 109.4750, 5.6818,  
-96.0096

 248.7210, 3.0955,  
-12.9103

 90.7760, 2.5754,  
-79.6106

 72.8920, 0.0532,  
-63.9263

 55.5950, -2.7583,  
-48.7568

 38.5260, -4.6963,

-33.7873

■ 22.7620, -9.2497,  
-19.9623

■ 0.0000, 0.0000,  
0.0000

■ 202.2770, -0.6296,  
-78.2959

■ 202.2770, -0.6296,  
-78.2959

■ 193.7760, -0.8756,  
-92.7656

■ 210.7780, -0.3836,  
-63.8263

■ 185.3890, -0.6848,  
-107.3352

■ 219.1650, -0.5743,  
-49.2567

■ 177.1870, -1.0782,  
-121.1900

■ 227.3670, -0.1809,  
-35.4019

■ 168.6860, -1.3242,  
-135.6596

■ 235.8680, 0.0651,  
-20.9322

■ 164.0440, -1.0077,  
-143.8666

■ 244.2550, -0.1257,  
-6.3626

■ 250.6630, 1.1521,  
3.8035

■ 250.8910, 2.0257,  
3.6036

# Harmonies

## Analogous

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



212.1030, -26.6728, -31.6623



202.2770, -0.6296, -78.2959



174.6630, 37.1411, -153.1795

# Triad

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



202.2770, -0.6296, -78.2959



217.4120, 18.5309, -17.0243



210.4830, -25.8741, 39.0414

# Complementary

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



202.2770, -0.6296, -78.2959



158.7230, 0.6296, 78.2959

# 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.



209.4010, -4.6347, 39.9903



202.2770, -0.6296, -78.2959



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.



202.2770, -0.6296, -78.2959



200.8020, 26.7196, -77.0024



216.0470, 15.7528, 34.1618



217.0250, -41.4243, 33.3041



# Rectangle

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



202.2770, -0.6296, -78.2959



174.0590, 39.9039, -152.6497



216.0470, 15.7528, 34.1618



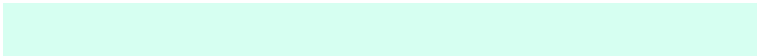
209.6170, -19.0382, 39.8009

# Sweetspot

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



202.2770, -0.6296, -78.2959



241.1450, -0.0715, -23.8062



206.2980, -45.9959, -40.6033



119.4990, -0.2460, -14.4696



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.



202.2770, -0.6296, -78.2959



198.7540, -0.8647, -96.2543



195.8950, 25.6878, -72.6989



120.6570, 0.1691, -7.5922



124.9650, -0.9687, -109.5943



40.3670, -0.1809, -35.4019



# Inverse Universe

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



158.7230, 0.6296, 78.2959



145.2460, 0.8647, 96.2543



165.1050, -25.6878, 72.6989



116.4570, 0.2677, 7.4922



64.0350, 0.9687, 109.5943

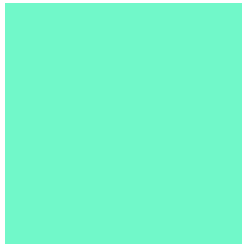


20.6330, 0.1809, 35.4019



# Previews

## White Background



This preview shows how the YUV color 202.2770, -0.6296, -78.2959 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

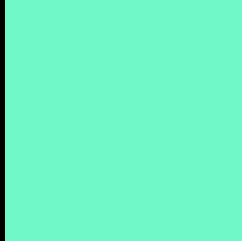
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 202.2770, -0.6296, -78.2959 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 202.2770, -0.6296, -78.2959

## Background



This preview shows how black text looks on a background with the YUV color 202.2770, -0.6296, -78.2959.



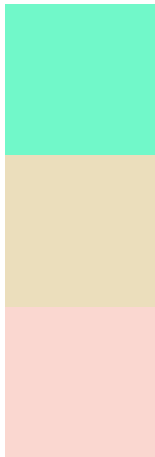
This preview shows how white text looks on a background with the YUV color 202.2770, -0.6296, -78.2959.

-78.2959.

# 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

202.2770, -0.6296, -78.2959

### Protanopia

222.0110, -16.7674, 11.3914

### Deuteranopia

224.6670, -8.2168, 22.2170



## Tritanopia

212.7290, 20.8396, -57.6443

# Trichromacy



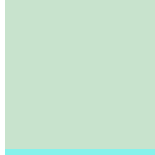
## Original Color

202.2770, -0.6296, -78.2959



## Protanomaly

214.7080, -10.7020, -20.7919



## Deuteranomaly

216.4190, -5.6296, -14.3995



## Tritanomaly

209.2090, 12.7150, -65.0813

# Monochromacy



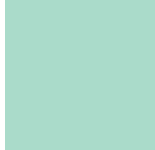
## Original Color

202.2770, -0.6296, -78.2959



## Achromatopsia

202.0000, 0.0000, 0.0000



## Achromatomaly

202.4110, -0.2026, -28.4244

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 202.2770, -0.6296, -78.2959 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(113, 248, 201)` looks like.

```
.text, #text, p{  
    color:rgb(113, 248, 201)  
}
```

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(113, 248, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 248, 201) }
```

## Border

The CSS property to change the border of an element to YUV 202.2770, -0.6296, -78.2959 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(113, 248, 201) }
```



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

```
.border{ border-color:rgb(113, 248, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 248, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 248, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 248, 201);  
box-shadow:4px 4px 4px 4px rgb(113, 248,  
201) }
```

# Background

The CSS property to change the background color of an element to YUV 202.2770, -0.6296, -78.2959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 248, 201) }
```

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

```
.background{ background-color: rgb(113,  
248, 201) }
```

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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