

# Converting Colors

YUV(207.2670, -2.1036,  
-72.1482)

Have a look what the booklet for  
YUV(207.2670, -2.1036, -72.1482)  
contains.

<b>YUV(207.2670, -2.1036, -72.1482)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(207.2670, -2.1036,  
-72.1482)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DFACB
RGB	125, 250, 203
RGB Percent	49%, 98%, 80%
CMY	0.5098, 0.0196, 0.2039
CMYK	0.50, 0.00, 0.19, 0.02
HSL	157°, 93%, 74%
HSV	157°, 50%, 98%
XYZ	53.4225, 77.0430, 68.5550
YIQ	207.2670, -59.4130, -41.1170

# Conversions

## Conversions Part 2

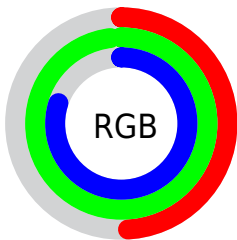
Format	Color
<a href="#">RYB</a>	<a href="#">125, 202, 250</a>
Decimal	<a href="#">8256203</a>
CIELab	<a href="#">90.34, -45.73, 11.93</a>
CIELCh	<a href="#">90, 47.264, 165.381</a>
Yxy	<a href="#">77.0430, 0.2684, 0.3871</a>
Android (android.graphics.Color)	<a href="#">4286446283 (0xFF7DFACB)</a>
YUV	<a href="#">207.2670, -2.1036, -72.1482</a>
Hunter-Lab	<a href="#">87.7741, -44.9631, 15.1341</a>

# Details

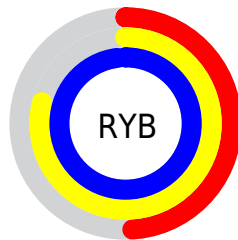
The YUV color **207.2670, -2.1036, -72.1482** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **167.7330, 2.1036, 72.1482**, and the grayscale version is **207.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.7710, 10.4659, -43.6492**, and **148.8150, 0.0912, -76.1368** is the 20% darker color. If you saturate the color by 10%, you get **198.7660, -2.3496, -86.6178**, and if you desaturate by 10%, it is **215.7680, -1.8576, -57.6785**.

# Distribution



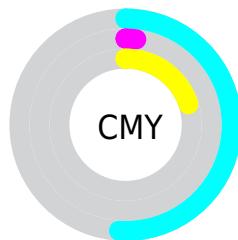
- Red (49%)
- Green (98%)
- Blue (80%)



- Red (49%)
- Yellow (79%)
- Blue (98%)



- Cyan (50%)
- Magenta (0%)
- Yellow (19%)
- Black (2%)



- Cyan (51%)
- Magenta (2%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 207.2670, -2.1036, -72.1482 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 207.2670, -2.1036, -72.1482 by changing the saturation by 10% instead.




 207.2670, -2.1036,  
-72.1482


 207.2670, -2.1036,  
-72.1482

255.0000, 0.0000,  
0.0000


 178.1960, -1.0826,  
-72.9629


 233.7710, 10.4659,  
-43.6492


 148.8150, 0.0912,  
-76.1368


 242.7410, 6.0437,  
-25.2059

 116.2590, 3.3233,  
-86.1731

 251.7110, 1.6215,  
-6.7625

 92.1780, 2.8702,  
-80.8401

 74.1800, -0.0887,  
-65.0559

 56.8830, -2.9003,  
-49.8864

 39.8140, -4.8383,

-34.9169

■ 24.7510, -9.2442,  
-21.7066

■ 1.1740, -0.5788,  
-1.0296

■ 207.2670, -2.1036,  
-72.1482

■ 207.2670, -2.1036,  
-72.1482

■ 198.7660, -2.3496,  
-86.6178

■ 215.7680, -1.8576,  
-57.6785

■ 190.1510, -3.0324,  
-100.9874

■ 224.3830, -1.1748,  
-43.3089


■ 181.6500, -3.2784,  
-115.4570


■ 232.8840, -0.9288,  
-28.8393

■ 173.0350, -3.9613,  
-129.8267

■ 241.4990, -0.2460,  
-14.4696

 164.5340, -4.2073,  
-144.2963

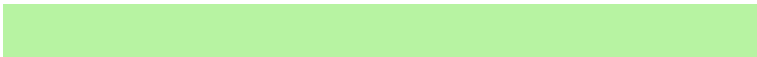
 250.0000, 0.0000,  
0.0000

 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.



215.8260, -26.5362, -28.7884



207.2670, -2.1036, -72.1482



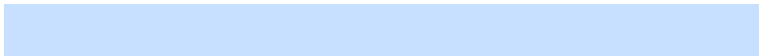
193.1680, 28.0182, -120.2963

# Triad

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



207.2670, -2.1036, -72.1482



220.3580, 17.0785, -17.8540



213.6290, -23.9741, 36.2824

# Complementary

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



207.2670, -2.1036, -72.1482



167.7330, 2.1036, 72.1482

# 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.



213.0200, -3.4609, 36.8165



207.2670, -2.1036, -72.1482



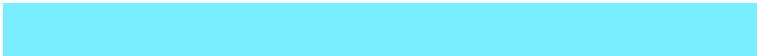
226.8240, 13.8908, 24.7104

# Square

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



207.2670, -2.1036, -72.1482



204.9550, 24.6722, -73.6285



219.3240, 15.6163, 31.2879



219.5840, -39.2349, 31.0598



# Rectangle

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



207.2670, -2.1036, -72.1482



180.0060, 36.9720, -145.5873



219.3240, 15.6163, 31.2879



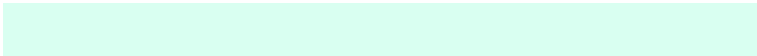
212.6490, -17.5750, 37.1418

# Sweetspot

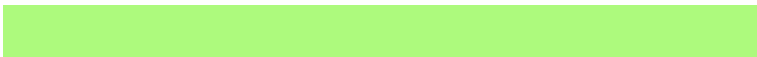
The Sweet Spot groups the original color and five complimentary colors.



207.2670, -2.1036, -72.1482



242.0420, -0.5137, -21.9618



212.7270, -43.2494, -34.8406



120.0970, -0.5408, -13.2401



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.



207.2670, -2.1036, -72.1482



202.6410, -2.7810, -88.2622



203.8200, 22.7667, -69.1251



120.5430, -0.2677, -7.4922



124.3950, -3.1527, -109.0944



40.1390, -1.0545, -35.2019



# Inverse Universe

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



167.7330, 2.1036, 72.1482



154.3590, 2.7810, 88.2622



171.1800, -22.7667, 69.1251



116.4570, 0.2677, 7.4922



64.6050, 3.1527, 109.0944

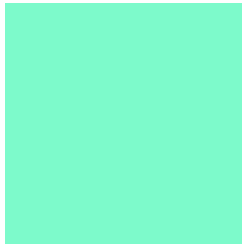


20.8610, 1.0545, 35.2019



# Previews

## White Background



This preview shows how the YUV color 207.2670, -2.1036, -72.1482 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

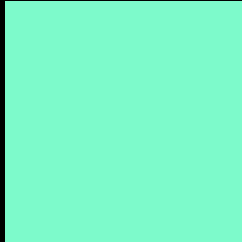
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 207.2670, -2.1036, -72.1482 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

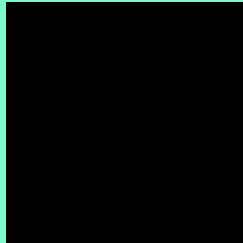
Any Text WCAG AA ✓ Pass

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 207.2670, -2.1036, -72.1482 Background



This preview shows how black text looks on a background with the YUV color 207.2670, -2.1036, -72.1482.



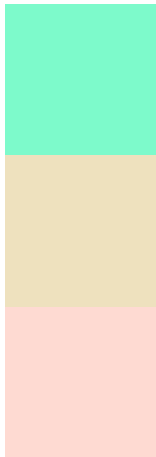
This preview shows how white text looks on a background with the YUV color 207.2670, -2.1036,

-72.1482.

# 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

207.2670, -2.1036, -72.1482

### Protanopia

224.8970, -17.2042, 11.4913

### Deuteranopia

227.8520, -8.8010, 22.9318



## Tritanopia

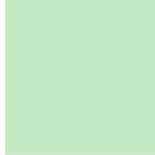
217.8010, 18.3391, -48.9375

# Trichromacy



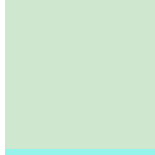
## Original Color

207.2670, -2.1036, -72.1482



## Protanomaly

218.4910, -11.5811, -18.8476



## Deuteranomaly

220.5010, -6.6560, -11.8404



## Tritanomaly

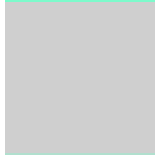
214.0960, 10.7987, -57.0892

# Monochromacy



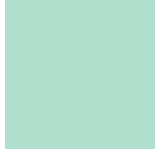
## Original Color

207.2670, -2.1036, -72.1482



## Achromatopsia

207.0000, 0.0000, 0.0000



## Achromatomaly

207.3080, -0.6448, -26.5801

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 207.2670, -2.1036, -72.1482 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(125, 250, 203)` looks like.

```
.text, #text, p{  
    color:rgb(125, 250, 203)  
}
```

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(125, 250, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 250, 203) }
```

## Border

The CSS property to change the border of an element to YUV 207.2670, -2.1036, -72.1482 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(125, 250, 203) }
```



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

```
.border{ border-color:rgb(125, 250, 203) }
```

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

Here you see how a box with a 4 pixel rgb(125, 250, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 250, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 250, 203);  
box-shadow:4px 4px 4px 4px rgb(125, 250,  
203) }
```

# Background

The CSS property to change the background color of an element to YUV 207.2670, -2.1036, -72.1482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 250, 203) }
```

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

```
.background{ background-color: rgb(125,  
250, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor