

# Converting Colors

YUV(206.8200, 2.5537,  
-72.6331)

Have a look what the booklet for  
YUV(206.8200, 2.5537, -72.6331)  
contains.

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# Color

**YUV(206.8200, 2.5537,  
-72.6331)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CF8D4
RGB	124, 248, 212
RGB Percent	49%, 97%, 83%
CMY	0.5137, 0.0275, 0.1686
CMYK	0.50, 0.00, 0.15, 0.03
HSL	163°, 90%, 73%
HSV	163°, 50%, 97%
XYZ	53.7632, 76.1734, 74.1567
YIQ	206.8200, -62.3480, -37.4840

# Conversions

## Conversions Part 2

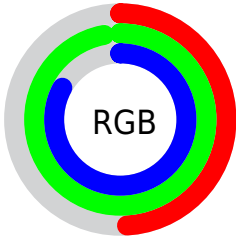
Format	Color
<a href="#">RYB</a>	<a href="#">124, 197, 248</a>
Decimal	<a href="#">8190164</a>
CIELab	<a href="#">89.94, -43.13, 6.69</a>
CIELCh	<a href="#">90, 43.643, 171.183</a>
Yxy	<a href="#">76.1734, 0.2634, 0.3732</a>
Android (android.graphics.Color)	<a href="#">4286380244</a> ( <a href="#">0xFF7CF8D4</a> )
YUV	<a href="#">206.8200, 2.5537, -72.6331</a>
Hunter-Lab	<a href="#">87.2773, -42.7785, 10.7174</a>

# Details

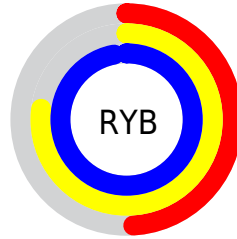
The YUV color  $206.8200, 2.5537, -72.6331$  is a light color, and the websafe version is hex  $99FFCC$ . A complement of this color would be  $165.1800, -2.5537, 72.6331$ , and the grayscale version is  $207.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $233.4720, 10.6133, -44.2639$ , and  $148.2540, 4.3118, -76.5218$  is the 20% darker color. If you saturate the color by 10%, you get  $198.5470, 3.1813, -87.3027$ , and if you desaturate by 10%, it is  $215.0930, 1.9262, -57.9636$ .

# Distribution



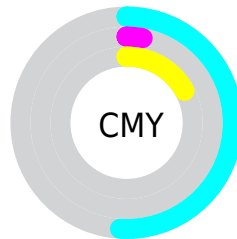
- Red (49%)
- Green (97%)
- Blue (83%)



- Red (49%)
- Yellow (77%)
- Blue (97%)



- Cyan (50%)
- Magenta (0%)
- Yellow (15%)
- Black (3%)



- Cyan (51%)
- Magenta (3%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 206.8200, 2.5537, -72.6331 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 206.8200, 2.5537, -72.6331 by changing the saturation by 10% instead.



206.8200, 2.5537,  
-72.6331

206.8200, 2.5537,  
-72.6331

255.0000, 0.0000,  
0.0000

177.6350, 3.1379,  
-73.3479

233.4720, 10.6133,  
-44.2639

148.2540, 4.3118,  
-76.5218

242.4420, 6.1911,  
-25.8206

114.5020, 8.1335,  
-89.0173

251.4120, 1.7689,  
-7.3773

92.5030, 6.6540,  
-81.1251

73.9180, 3.9844,  
-64.8261

56.6210, 1.1728,  
-49.6566

40.0250, -1.4913,

-35.1019

■ 25.4180, -4.1501,  
-22.2916

■ 0.0000, 0.0000,  
0.0000

■ 206.8200, 2.5537,  
-72.6331

■ 206.8200, 2.5537,  
-72.6331

■ 198.5470, 3.1813,  
-87.3027

■ 215.0930, 1.9262,  
-57.9636

■ 190.2740, 3.8089,  
-101.9723

■ 223.3660, 1.2986,  
-43.2940


■ 182.1860, 3.8523,  
-115.9271


■ 231.4540, 1.2552,  
-29.3392

■ 173.9130, 4.4799,  
-130.5967

■ 239.7270, 0.6276,  
-14.6696

 165.6400, 5.1075,  
-145.2663

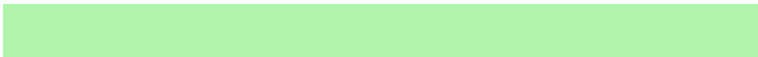
 248.0000, 0.0000,  
0.0000

 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.



214.9870, -20.6996, -34.1916



206.8200, 2.5537, -72.6331



197.3700, 28.4116, -106.4415

# Triad

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



206.8200, 2.5537, -72.6331



222.1960, 16.1724, -7.1879



215.1620, -25.7159, 34.9379

# Complementary

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



206.8200, 2.5537, -72.6331



165.1800, -2.5537, 72.6331

# 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.



213.8690, -7.8234, 36.0719



206.8200, 2.5537, -72.6331



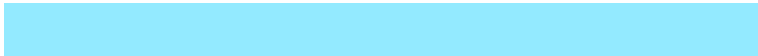
225.6500, 14.4696, 25.7400

# Square

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



206.8200, 2.5537, -72.6331



210.3810, 21.9972, -55.5851



218.0700, 10.8115, 32.3876

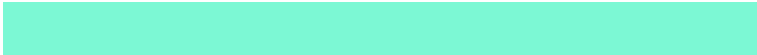


221.2140, -38.0665, 29.6303



# Rectangle

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



206.8200, 2.5537, -72.6331



194.7010, 29.7274, -108.4858



218.0700, 10.8115, 32.3876



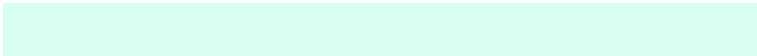
213.9540, -20.1903, 35.9973

# Sweetspot

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



206.8200, 2.5537, -72.6331



242.3840, 0.7967, -22.2618



207.8510, -41.3385, -41.0883



120.3250, 0.3328, -13.4400



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.



206.8200, 2.5537, -72.6331



204.2370, 3.3342, -89.6618



196.2490, 25.5132, -63.3624



120.6570, 0.1691, -7.5922



126.2190, 3.8360, -110.6941



40.7090, 1.1295, -35.7018



# Inverse Universe

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



165.1800, -2.5537, 72.6331



152.7630, -3.3342, 89.6618



175.7510, -25.5132, 63.3624



116.3430, -0.1691, 7.5922



62.7810, -3.8360, 110.6941

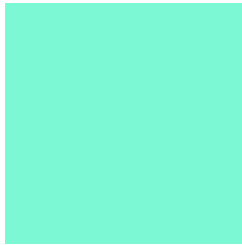


20.2910, -1.1295, 35.7018



# Previews

## White Background



This preview shows how the YUV color 206.8200, 2.5537, -72.6331 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

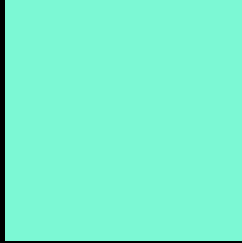
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 206.8200, 2.5537, -72.6331 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 206.8200, 2.5537, -72.6331

## Background



This preview shows how black text looks on a background with the YUV color 206.8200, 2.5537, -72.6331.



This preview shows how white text looks on a background with the YUV color 206.8200, 2.5537,

-72.6331.

# 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

206.8200, 2.5537, -72.6331

### Protanopia

224.4390, -12.5414, 9.2620

### Deuteranopia

226.7960, -3.8434, 19.4729



## Tritanopia

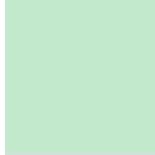
215.7190, 19.3655, -51.4966

# Trichromacy



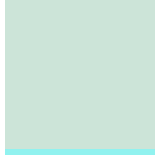
## Original Color

206.8200, 2.5537, -72.6331



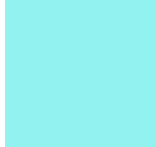
## Protanomaly

218.3320, -7.0657, -20.4622



## Deuteranomaly

219.4560, -1.7038, -13.5549



## Tritanomaly

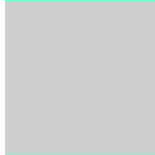
212.6550, 12.9881, -59.3334

# Monochromacy



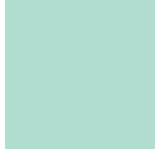
## Original Color

206.8200, 2.5537, -72.6331



## Achromatopsia

207.0000, 0.0000, 0.0000



## Achromatomaly

207.0630, 0.9549, -26.3653

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 206.8200, 2.5537, -72.6331 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(124, 248, 212)` looks like.

```
.text, #text, p{  
    color:rgb(124, 248, 212)  
}
```

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(124, 248, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 248, 212) }
```

## Border

The CSS property to change the border of an element to YUV 206.8200, 2.5537, -72.6331 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(124, 248, 212) }
```



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

```
.border{ border-color:rgb(124, 248, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 248, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 248, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 248, 212);  
box-shadow:4px 4px 4px 4px rgb(124, 248,  
212) }
```

# Background

The CSS property to change the background color of an element to YUV 206.8200, 2.5537, -72.6331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 248, 212) }
```

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

```
.background{ background-color: rgb(124,  
248, 212) }
```

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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