

# Converting Colors

YUV(209.6490, 8.5540,  
-83.8842)

Have a look what the booklet for  
YUV(209.6490, 8.5540, -83.8842)  
contains.

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# Color

**YUV(209.6490, 8.5540,  
-83.8842)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72FFE3
RGB	114, 255, 227
RGB Percent	45%, 100%, 89%
CMY	0.5529, 0.0000, 0.1098
CMYK	0.55, 0.00, 0.11, 0.00
HSL	168°, 100%, 72%
HSV	168°, 55%, 100%
XYZ	56.5646, 80.6435, 85.2575
YIQ	209.6490, -75.0480, -38.6000

# Conversions

## Conversions Part 2

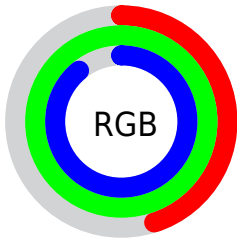
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 192, 255
Decimal	7536611
CIELab	91.97, -44.83, 1.82
CIELCh	92, 44.867, 177.676
Yxy	80.6435, 0.2543, 0.3625
Android (android.graphics.Color)	4285726691 (0xFF72FFE3)
YUV	209.6490, 8.5540, -83.8842
Hunter-Lab	89.8017, -44.7189, 6.5714

# Details

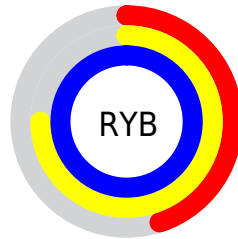
The YUV color **209.6490, 8.5540, -83.8842** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **159.3510, -8.5540, 83.8842**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.3790, 11.6452, -48.5674**, and **148.0930, 11.7862, -93.9206** is the 20% darker color. If you saturate the color by 10%, you get **201.6040, 10.0552, -98.7537**, and if you desaturate by 10%, it is **217.9930, 6.9055, -68.3999**.

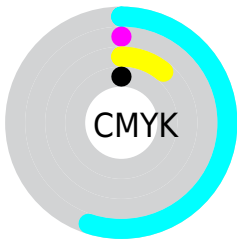
# Distribution



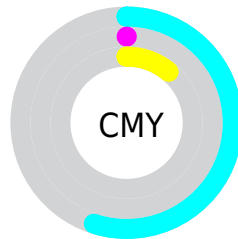
- Red (45%)
- Green (100%)
- Blue (89%)



- Red (45%)
- Yellow (75%)
- Blue (100%)



- Cyan (55%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (55%)
- Magenta (0%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 209.6490, 8.5540, -83.8842 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 209.6490, 8.5540, -83.8842 by changing the saturation by 10% instead.




 209.6490, 8.5540,  
-83.8842

 209.6490, 8.5540,  
-83.8842

255.0000, 0.0000,  
0.0000


 179.5670, 9.5805,  
-86.4433


 231.3790, 11.6452,  
-48.5674

 148.0930, 11.7862,  
-93.9206


 240.3490, 7.2229,  
-30.1241

 116.3200, 14.1392,  
-102.0126

 249.6180, 2.6533,  
-11.0660

 97.6210, 11.0328,  
-85.6136

 78.9220, 7.9265,  
-69.2146

 61.5110, 4.6781,  
-53.9451

 44.3280, 2.3033,

-38.8757

■ 29.0200, -0.5029,  
-25.4505

■ 7.8590, -2.8885,  
-6.8923

■ 209.6490, 8.5540,  
-83.8842

■ 209.6490, 8.5540,  
-83.8842

■ 201.6040, 10.0552,  
-98.7537

■ 217.9930, 6.9055,  
-68.3999

■ 193.2600, 11.7038,  
-114.2380

■ 226.0380, 5.4043,  
-53.5303

■ 184.9160, 13.3524,  
-129.7223

■ 234.3820, 3.7557,  
-38.0460

■ 176.8710, 14.8536,  
-144.5919

■ 242.4270, 2.2545,  
-23.1765

■ 172.9410, 15.3121,  
-151.6693

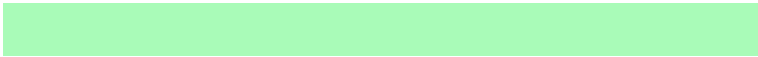
■ 250.7710, 0.6059,  
-7.6922

255.0000, 0.0000,  
0.0000

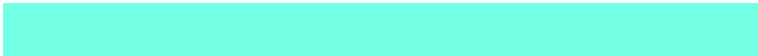
# Harmonies

## Analogous

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



218.8440, -17.1781, -43.7132



209.6490, 8.5540, -83.8842



198.7990, 27.7071, -113.8337

# Triad

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



209.6490, 8.5540, -83.8842



228.7520, 12.9403, 2.8485



219.5160, -29.3414, 31.1195

# Complementary

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



209.6490, 8.5540, -83.8842



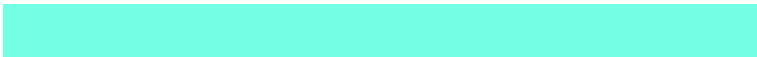
159.3510, -8.5540, 83.8842

# 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.



216.9350, -11.3070, 33.3830



209.6490, 8.5540, -83.8842



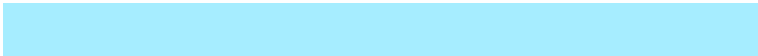
226.8240, 13.8908, 24.7104

# Square

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



209.6490, 8.5540, -83.8842



217.8230, 18.3283, -45.4488



220.0760, 8.3435, 30.6283

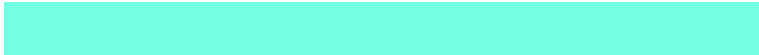


226.6110, -40.2342, 24.8972



# Rectangle

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



209.6490, 8.5540, -83.8842



199.7290, 27.2486, -106.7563



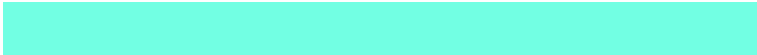
220.0760, 8.3435, 30.6283



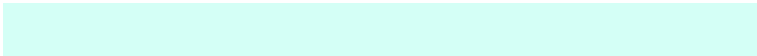
218.3080, -23.8158, 32.1789

# Sweetspot

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



209.6490, 8.5540, -83.8842



241.1170, 2.4073, -25.5356



205.1390, -44.9315, -55.3729



119.5420, 1.2118, -15.3843



0.0000, 0.0000, 0.0000

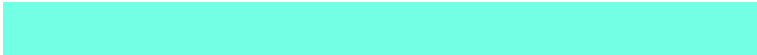


128.0000, 0.0000, 0.0000



# Same Dimension

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



209.6490, 8.5540, -83.8842



201.0060, 10.3500, -99.9833



188.1870, 32.9388, -65.0620



123.7710, 0.6059, -7.6922



129.5590, 11.5564, -113.6232



43.3820, 3.7557, -38.0460



# Inverse Universe

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



159.3510, -8.5540, 83.8842



140.9940, -10.3500, 99.9833



180.8130, -32.9388, 65.0620



119.1150, -1.0427, 7.7921



61.4410, -11.5564, 113.6232

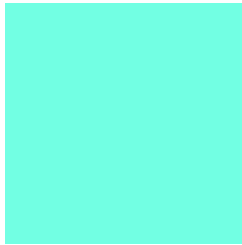


20.6180, -3.7557, 38.0460



# Previews

## White Background



This preview shows how the YUV color 209.6490, 8.5540, -83.8842 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

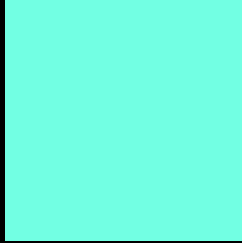
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 209.6490, 8.5540, -83.8842 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

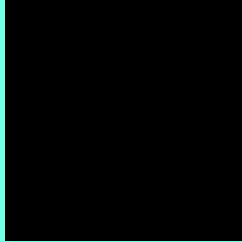
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

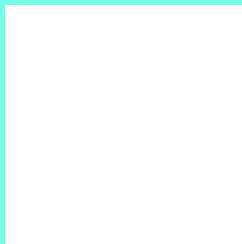
Any Text WCAG AAA ✓ Pass

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

# YUV 209.6490, 8.5540, -83.8842 Background



This preview shows how black text looks on a background with the YUV color 209.6490, 8.5540, -83.8842.



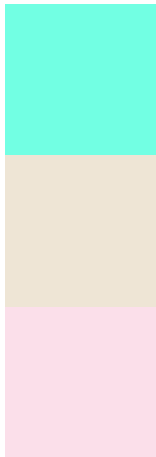
This preview shows how white text looks on a background with the YUV color 209.6490, 8.5540,

-83.8842.

# 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

209.6490, 8.5540, -83.8842

### Protanopia

229.8670, -8.3154, 7.1326

### Deuteranopia

232.6260, 0.6774, 16.1140



## Tritanopia

223.7480, 15.4072, -41.8750

# Trichromacy



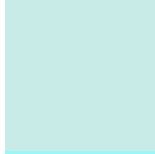
## Original Color

209.6490, 8.5540, -83.8842



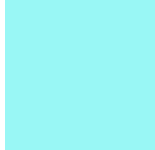
## Protanomaly

222.2650, -2.1026, -25.6654



## Deuteranomaly

224.3780, 3.2646, -20.5025



## Tritanomaly

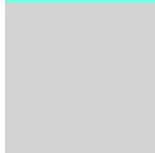
218.6660, 12.9827, -57.5891

# Monochromacy



## Original Color

209.6490, 8.5540, -83.8842



## Achromatopsia

210.0000, 0.0000, 0.0000



## Achromatomaly

209.6110, 3.1498, -30.3538

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 209.6490, 8.5540, -83.8842 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(114, 255, 227)` looks like.

```
.text, #text, p{  
    color:rgb(114, 255, 227)  
}
```

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(114, 255, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 255, 227) }
```

## Border

The CSS property to change the border of an element to YUV 209.6490, 8.5540, -83.8842 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(114, 255, 227) }
```



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

```
.border{ border-color:rgb(114, 255, 227) }
```

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

Here you see how a box with a 4 pixel rgb(114, 255, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(114, 255,  
227) }
```

# Background

The CSS property to change the background color of an element to YUV 209.6490, 8.5540, -83.8842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 255, 227) }
```

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

```
.background{ background-color: rgb(114,  
255, 227) }
```

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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