

# Converting Colors

YUV(208.3540, 12.6435,  
-88.8875)

Have a look what the booklet for  
YUV(208.3540, 12.6435, -88.8875)  
contains.

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# Color

**YUV(208.3540, 12.6435,  
-88.8875)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BFFEA
RGB	107, 255, 234
RGB Percent	42%, 100%, 92%
CMY	0.5804, 0.0000, 0.0824
CMYK	0.58, 0.00, 0.08, 0.00
HSL	171°, 100%, 71%
HSV	171°, 58%, 100%
XYZ	56.6747, 80.5863, 90.4095
YIQ	208.3540, -81.4670, -37.9070

# Conversions

## Conversions Part 2

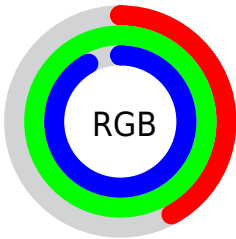
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 187, 255
Decimal	7077866
CIELab	91.95, -44.45, -1.87
CIELCh	92, 44.486, 182.403
Yxy	80.5863, 0.2489, 0.3540
Android (android.graphics.Color)	4285267946 (0xFF6BFFEA)
YUV	208.3540, 12.6435, -88.8875
Hunter-Lab	89.7699, -44.4043, 3.1264

# Details

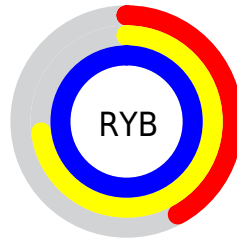
The YUV color  $208.3540, 12.6435, -88.8875$  is a light color, and the websafe version is hex  $66FFFF$ . A complement of this color would be  $153.6460, -12.6435, 88.8875$ , and the grayscale version is  $208.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $229.5850, 12.5296, -52.2560$ , and  $143.0960, 17.2077, -106.2012$  is the 20% darker color. If you saturate the color by 10%, you get  $200.4230, 14.5815, -103.8570$ , and if you desaturate by 10%, it is  $216.5840, 10.5581, -73.3032$ .

# Distribution



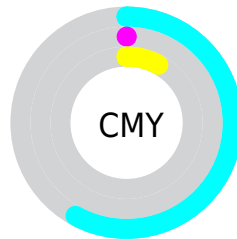
- Red (42%)
- Green (100%)
- Blue (92%)



- Red (42%)
- Yellow (73%)
- Blue (100%)



- Cyan (58%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (58%)
- Magenta (0%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 208.3540, 12.6435, -88.8875 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 208.3540, 12.6435, -88.8875 by changing the saturation by 10% instead.




 208.3540, 12.6435,  
-88.8875

 208.3540, 12.6435,  
-88.8875


255.0000, 0.0000,  
0.0000


 177.6740, 13.9647,  
-92.6761


 229.5850, 12.5296,  
-52.2560


 143.0960, 17.2077,  
-106.2012


 238.8540, 7.9600,  
-33.1980

 117.1180, 17.1968,  
-102.7125

 248.1230, 3.3904,  
-14.1399

 98.3050, 13.6536,  
-86.2135

 79.6060, 10.5472,  
-69.8145

 62.1950, 7.2989,  
-54.5450

 44.8980, 4.4873,

-39.3755

■ 29.5900, 1.6811,  
-25.9504

■ 8.8850, 1.0427,  
-7.7921

■ 208.3540, 12.6435,  
-88.8875

■ 208.3540, 12.6435,  
-88.8875

■ 200.4230, 14.5815,  
-103.8570

■ 216.5840, 10.5581,  
-73.3032

■ 192.3070, 17.1036,  
-119.5412

■ 224.4010, 8.1833,  
-58.2337

■ 184.3760, 19.0416,  
-134.5108

■ 232.6310, 6.0979,  
-42.6494

■ 176.2600, 21.5638,  
-150.1950

■ 240.4480, 3.7231,  
-27.5799

■ 174.6510, 21.8641,  
-153.1689

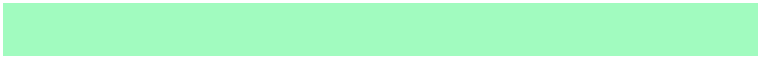
■ 248.6780, 1.6377,  
-11.9956

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.



217.2500, -12.9413, -49.3312



208.3540, 12.6435, -88.8875



199.0980, 27.5597, -113.2189

# Triad

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



208.3540, 12.6435, -88.8875



230.5680, 12.0450, 10.0259



220.9350, -31.5200, 29.8750

# Complementary

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



208.3540, 12.6435, -88.8875



153.6460, -12.6435, 88.8875

# 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.



216.8380, -14.2171, 33.4681



208.3540, 12.6435, -88.8875



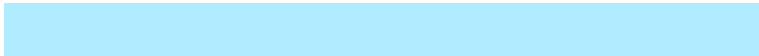
226.2370, 14.1802, 25.2252

# Square

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



208.3540, 12.6435, -88.8875



219.9380, 17.2856, -37.6566



219.2780, 5.2859, 31.3282

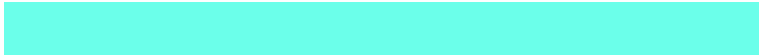


227.8990, -40.3762, 23.7676



# Rectangle

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



208.3540, 12.6435, -88.8875



202.1320, 26.0639, -100.0938



219.2780, 5.2859, 31.3282



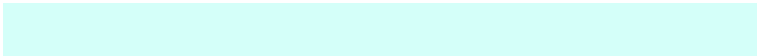
219.0260, -26.1418, 31.5492

# Sweetspot

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



208.3540, 12.6435, -88.8875



241.4590, 3.7177, -25.8355



200.4540, -46.0728, -62.6652



119.7700, 2.0854, -15.5843



0.0000, 0.0000, 0.0000

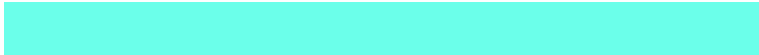


128.0000, 0.0000, 0.0000



# Same Dimension

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



208.3540, 12.6435, -88.8875



198.9280, 15.3185, -106.9309



180.2240, 36.8646, -64.2174



123.8850, 1.0427, -7.7921



130.8130, 16.3612, -114.7230



43.8380, 5.5029, -38.4459



# Inverse Universe

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



153.6460, -12.6435, 88.8875



133.0720, -15.3185, 106.9309



181.7760, -36.8646, 64.2174



119.1150, -1.0427, 7.7921



60.1870, -16.3612, 114.7230

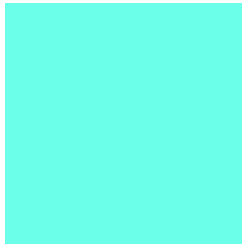


20.1620, -5.5029, 38.4459



# Previews

## White Background



This preview shows how the YUV color 208.3540, 12.6435, -88.8875 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

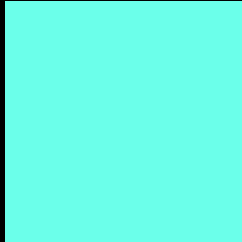
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 208.3540, 12.6435, -88.8875 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

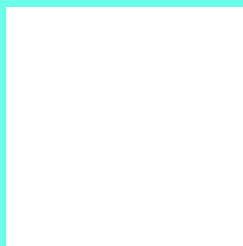
Any Text WCAG AAA ✓ Pass

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

# YUV 208.3540, 12.6435, -88.8875 Background



This preview shows how black text looks on a background with the YUV color 208.3540, 12.6435, -88.8875.



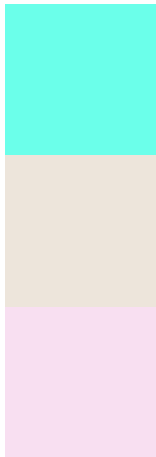
This preview shows how white text looks on a background with the YUV color 208.3540, 12.6435, -88.8875.

-88.8875.

# 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

208.3540, 12.6435, -88.8875

### Protanopia

230.2520, -5.5472, 5.9180

### Deuteranopia

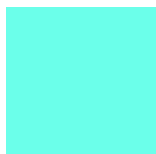
232.5270, 4.1772, 13.5698



## Tritanopia

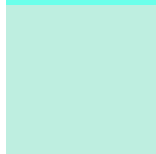
223.4490, 15.5546, -42.4898

# Trichromacy



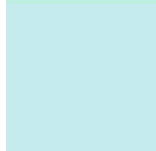
## Original Color

208.3540, 12.6435, -88.8875



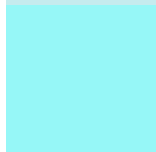
## Protanomaly

222.0520, 0.9604, -28.1096



## Deuteranomaly

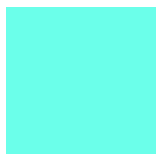
223.9800, 6.9119, -23.6615



## Tritanomaly

217.9970, 14.2985, -59.6334

# Monochromacy



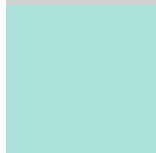
## Original Color

208.3540, 12.6435, -88.8875



## Achromatopsia

208.0000, 0.0000, 0.0000



## Achromatomaly

207.9420, 4.4656, -32.3981

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 208.3540, 12.6435, -88.8875 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(107, 255, 234)` looks like.

```
.text, #text, p{  
    color:rgb(107, 255, 234)  
}
```

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(107, 255, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 255, 234) }
```

## Border

The CSS property to change the border of an element to YUV 208.3540, 12.6435, -88.8875 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(107, 255, 234) }
```



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

```
.border{ border-color:rgb(107, 255, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 255, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 255, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 255, 234);  
box-shadow:4px 4px 4px 4px rgb(107, 255,  
234) }
```

# Background

The CSS property to change the background color of an element to YUV 208.3540, 12.6435, -88.8875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 255, 234) }
```

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

```
.background{ background-color: rgb(107,  
255, 234) }
```

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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