

# Converting Colors

YUV(208.6990, 22.8264,  
-88.3130)

Have a look what the booklet for  
YUV(208.6990, 22.8264, -88.3130)  
contains.

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# Color

**YUV(208.6990, 22.8264,  
-88.3130)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CFBFF
RGB	108, 251, 255
RGB Percent	42%, 98%, 100%
CMY	0.5765, 0.0157, 0.0000
CMYK	0.58, 0.02, 0.00, 0.00
HSL	182°, 100%, 71%
HSV	182°, 58%, 100%
XYZ	58.7315, 79.4025, 106.8385
YIQ	208.6990, -86.5120, -29.0720

# Conversions

## Conversions Part 2

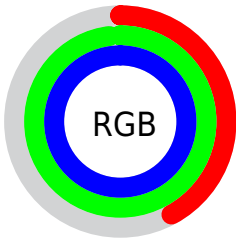
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 180, 255
Decimal	7142399
CIELab	91.42, -37.13, -13.54
CIELCh	91, 39.519, 200.037
Yxy	79.4025, 0.2397, 0.3241
Android (android.graphics.Color)	4285332479 (0xFF6CFBFF)
YUV	208.6990, 22.8264, -88.3130
Hunter-Lab	89.1081, -38.2890, -8.7116

# Details

The YUV color **208.6990, 22.8264, -88.3130** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **154.3010, -22.8264, 88.3130**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.1830, 12.2348, -51.0265**, and **142.4300, 27.3960, -107.3711** is the 20% darker color. If you saturate the color by 10%, you get **200.6370, 26.8010, -103.1676**, and if you desaturate by 10%, it is **217.0600, 18.7044, -72.8436**.

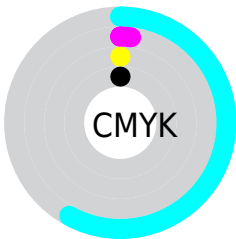
# Distribution



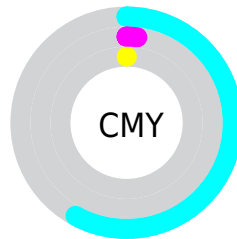
- Red (42%)
- Green (98%)
- Blue (100%)



- Red (42%)
- Yellow (71%)
- Blue (100%)



- Cyan (58%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (2%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 208.6990, 22.8264, -88.3130 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 208.6990, 22.8264, -88.3130 by changing the saturation by 10% instead.



208.6990, 22.8264,  
-88.3130

208.6990, 22.8264,  
-88.3130

255.0000, 0.0000,  
0.0000

177.6060, 23.8582,  
-92.6165

230.1830, 12.2348,  
-51.0265

142.4300, 27.3960,  
-107.3711

239.4520, 7.6652,  
-31.9684

116.9360, 26.6536,  
-102.5529

248.7210, 3.0955,  
-12.9103

98.7100, 22.8210,  
-86.5687

80.4840, 18.9884,  
-70.5845

62.3720, 15.5926,  
-54.7002

45.6620, 12.4916,

-40.0456

■ 30.1260, 8.8119,  
-26.4205

■ 9.6490, 9.0470,  
-8.4622

■ 208.6990, 22.8264,  
-88.3130

■ 208.6990, 22.8264,  
-88.3130

■ 200.6370, 26.8010,  
-103.1676

■ 217.0600, 18.7044,  
-72.8436

■ 192.8630, 30.6335,  
-119.1519

■ 224.5350, 15.0192,  
-57.4742

■ 184.8010, 34.6081,  
-134.0065

■ 232.8960, 10.8973,  
-42.0048

■ 176.4400, 38.7301,  
-149.4759

■ 240.9580, 6.9227,  
-27.1502

■ 174.6460, 39.6145,  
-153.1645

■ 248.7320, 3.0901,  
-11.1660

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.



214.1310, 0.9214, -62.3819



208.6990, 22.8264, -88.3130



207.8460, 23.2469, -83.1799

# Triad

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



208.6990, 22.8264, -88.3130



229.7590, 12.4438, 22.1364



225.5170, -34.2719, 25.8566

# Complementary

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



208.6990, 22.8264, -88.3130



154.3010, -22.8264, 88.3130

# 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.



219.9380, -22.6474, 30.7494



208.6990, 22.8264, -88.3130



223.3360, 10.6804, 27.7693

# Square

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



208.6990, 22.8264, -88.3130



226.3270, 14.1358, -7.3028



218.8900, -6.3548, 31.6685



225.6130, -33.3332, 4.7244



# Rectangle

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



208.6990, 22.8264, -88.3130



212.9950, 20.7085, -62.2626



218.8900, -6.3548, 31.6685



223.0380, -31.0777, 28.0307

# Sweetspot

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



208.6990, 22.8264, -88.3130



241.5560, 6.6279, -25.9206



194.5170, -41.6669, -75.8754



119.6390, 4.1220, -15.4694



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.



208.6990, 22.8264, -88.3130



199.4410, 27.3906, -105.6268



166.4350, 43.6625, -51.2475



123.5260, 2.2057, -7.4773



130.9560, 29.6017, -114.8484



43.6900, 10.0128, -38.3161



# Inverse Universe

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



168.2550, 40.7933, 76.0754



151.1180, 48.7488, 91.1045



196.5650, -43.6625, 51.2475



120.2550, 3.3253, 6.7924



78.3130, 53.0897, 98.8265

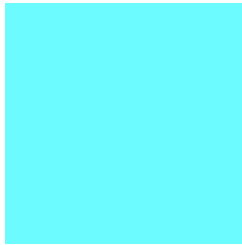


26.2040, 17.6474, 33.1471



# Previews

## White Background



This preview shows how the YUV color 208.6990, 22.8264, -88.3130 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

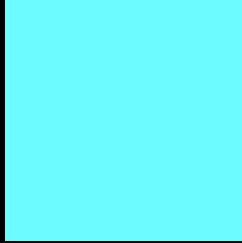
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 208.6990, 22.8264, -88.3130 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

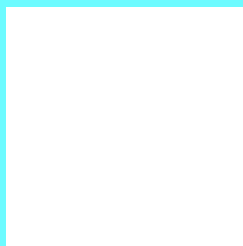
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 208.6990, 22.8264, -88.3130

## Background



This preview shows how black text looks on a background with the YUV color 208.6990, 22.8264, -88.3130.



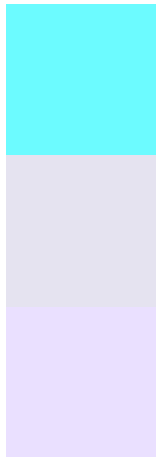
This preview shows how white text looks on a background with the YUV color 208.6990, 22.8264, -88.3130.



# 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

208.6990, 22.8264, -88.3130

### Protanopia

229.0800, 5.3836, -0.0702

### Deuteranopia

230.5240, 12.0667, 3.0485



## Tritanopia

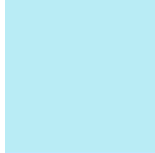
221.3560, 16.5865, -46.7932

# Trichromacy



## Original Color

208.6990, 22.8264, -88.3130



## Protanomaly

221.7770, 11.4489, -32.2534



## Deuteranomaly

222.6400, 15.9535, -30.3793



## Tritanomaly

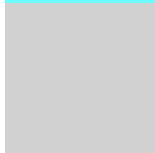
216.5390, 18.9613, -61.8627

# Monochromacy



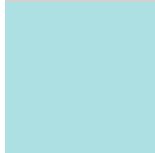
## Original Color

208.6990, 22.8264, -88.3130



## Achromatopsia

209.0000, 0.0000, 0.0000



## Achromatomaly

208.6800, 8.5388, -32.1684

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 208.6990, 22.8264, -88.3130 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(108, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(108, 251, 255)  
}
```

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(108, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 251, 255) }
```

## Border

The CSS property to change the border of an element to YUV 208.6990, 22.8264, -88.3130 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".

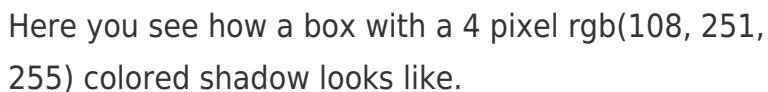
```
.border, #border, table{ border:4px solid rgb(108, 251, 255) }
```



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

```
.border{ border-color:rgb(108, 251, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(108, 251,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 208.6990, 22.8264, -88.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 251, 255) }
```

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

```
.background{ background-color: rgb(108,  
251, 255) }
```

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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