

# Converting Colors

YUV(220.8800, -108.8938,  
20.2762)

Have a look what the booklet for  
YUV(220.8800, -108.8938, 20.2762)  
contains.

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# Color

**YUV(220.8800, -108.8938,  
20.2762)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4FC00
RGB	244, 252, 0
RGB Percent	96%, 99%, 0%
CMY	0.0431, 0.0118, 1.0000
CMYK	0.03, 0.00, 1.00, 0.01
HSL	62°, 100%, 49%
HSV	62°, 100%, 99%
XYZ	72.1186, 88.8539, 13.3495
YIQ	220.8800, 76.1240, -80.0680

# Conversions

## Conversions Part 2

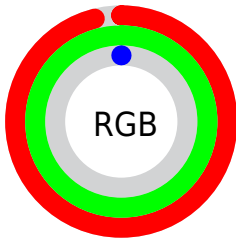
Format	Color
<a href="#">RYB</a>	<a href="#">0, 252, 8</a>
Decimal	<a href="#">16055296</a>
CIELab	<a href="#">95.52, -24.64, 92.92</a>
CIELCh	<a href="#">96, 96.130, 104.854</a>
Yxy	<a href="#">88.8539, 0.4137, 0.5097</a>
Android (android.graphics.Color)	<a href="#">4294245376</a> ( <a href="#">0xFFFF4FC00</a> )
YUV	<a href="#">220.8800, -108.8938, 20.2762</a>
Hunter-Lab	<a href="#">94.2623, -28.3916, 57.5870</a>

# Details

The YUV color **220.8800, -108.8938, 20.2762** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **31.1200, 108.8938, -20.2762**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.7600, -69.8877, 15.9965**, and **169.7690, -83.6961, 11.6036** is the 20% darker color. If you saturate the color by 10%, you get **220.8800, -108.8938, 20.2762**, and if you desaturate by 10%, it is **224.0290, -98.1213, 18.3916**.

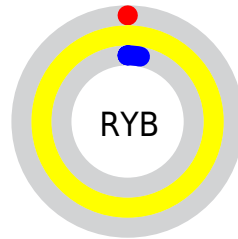
# Distribution



Red (96%)

Green (99%)

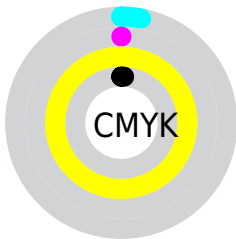
Blue (0%)



Red (0%)

Yellow (99%)

Blue (3%)

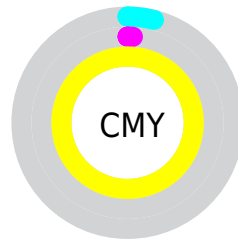


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (1%)



Cyan (4%)

Magenta (1%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 220.8800, -108.8938, 20.2762 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 220.8800, -108.8938, 20.2762 by changing the saturation by 10% instead.



220.8800,  
-108.8938, 20.2762

220.8800,  
-108.8938, 20.2762

255.0000, 0.0000,  
0.0000

195.1750,  
-96.2213, 15.6325

236.7600,  
-69.8877, 15.9965

169.7690,  
-83.6961, 11.6036

240.4080,  
-55.9101, 12.7972

144.9500,  
-71.4603, 7.0599

243.8280,  
-42.8062, 9.7978

120.4300,  
-59.3720, 3.1309

247.2480,  
-29.7023, 6.7985

97.0840, -47.8624,  
-1.8277

250.6680,  
-16.5983, 3.7992

73.7380, -36.3528,  
-6.7862

254.2020, -3.0576,

52.1640, -25.7169,

0.6998

-11.5448

■ 29.9920, -14.7861,  
-17.5330

■ 16.4360, -8.1029,  
-14.4144

■ 220.8800,  
-108.8938, 20.2762

■ 224.0290,  
-98.1213, 18.3916

■ 227.1780,  
-87.3488, 16.5069

■ 230.1420,  
-75.9920, 13.9075

■ 233.2910,  
-65.2195, 12.0228

■ 236.4400,  
-54.4469, 10.1381

■ 239.5890,  
-43.6744, 8.2534

■ 242.7380,  
-32.9018, 6.3688

■ 245.7020,  
-21.5451, 3.7693

■ 248.8510,  
-10.7725, 1.8847

# Harmonies

## Analogous

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



209.1470, -86.8405, 40.2131



220.8800, -108.8938, 20.2762



201.0370, -50.3042, -58.7914

# Triad

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



220.8800, -108.8938, 20.2762



178.7550, 37.5888, -156.7681



197.4740, 28.3603, 50.4503

# Complementary

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



220.8800, -108.8938, 20.2762



31.1200, 108.8938, -20.2762

# 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.



220.3670, 17.0741, 30.3731



220.8800, -108.8938, 20.2762



178.7550, 37.5888, -156.7681

# Square

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



220.8800, -108.8938, 20.2762



178.7550, 37.5888, -156.7681



208.2550, 23.0453, -65.1216



187.0950, 6.3622, 59.5527



# Rectangle

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



220.8800, -108.8938, 20.2762



167.6970, -4.7806, -147.0703



208.2550, 23.0453, -65.1216



203.9310, 25.1770, 44.7875

# Sweetspot

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



220.8800, -108.8938, 20.2762



245.7380, -32.9018, 6.3688



77.6960, -38.3041, 152.8646



122.1580, -19.7979, 3.3694



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.



220.8800, -108.8938, 20.2762



223.5380, -110.2042, 20.5762



184.4020, -90.9102, -54.7266



123.5180, -5.6784, 1.2997



165.6600, -81.6704, 15.2072



53.4480, -26.3499, 4.8691



# Inverse Universe

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



31.1200, 108.8938, -20.2762



31.4620, 110.2042, -20.5762



67.5980, 90.9102, 54.7266



113.7810, 5.5310, -0.6849



23.3400, 81.6704, -15.2072

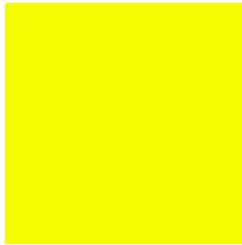


7.5520, 26.3499, -4.8691



# Previews

## White Background



This preview shows how the YUV color 220.8800, -108.8938, 20.2762 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

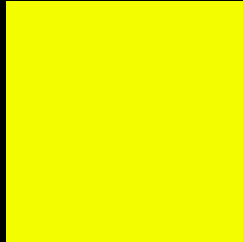
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 220.8800, -108.8938, 20.2762 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 220.8800, -108.8938, 20.2762 Background



This preview shows how black text looks on a background with the YUV color 220.8800, -108.8938, 20.2762.



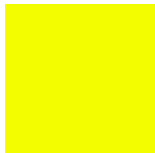
This preview shows how white text looks on a background with the YUV color 220.8800, -108.8938,



# 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



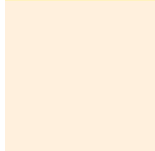
### Original Color

220.8800, -108.8938, 20.2762



### Protanopia

240.0730, -24.1930, 13.0910



### Deuteranopia

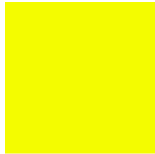
242.3190, -10.5103, 11.1212



## Tritanopia

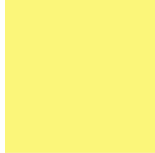
243.7500, 2.5883, 9.8663

# Trichromacy



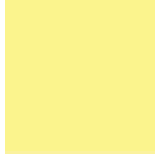
## Original Color

220.8800, -108.8938, 20.2762



## Protanomaly

233.3590, -54.9000, 15.4712



## Deuteranomaly

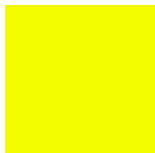
234.3510, -46.0220, 14.6012



## Tritanomaly

235.1150, -38.0177, 13.9311

# Monochromacy



## Original Color

220.8800, -108.8938, 20.2762



## Achromatopsia

221.0000, 0.0000, 0.0000



## Achromatomaly

220.7290, -39.3064, 7.2537

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 220.8800, -108.8938, 20.2762 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(244, 252, 0)` looks like.

```
.text, #text, p{  
    color:rgb(244, 252, 0)  
}
```

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(244, 252, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 252, 0) }
```

## Border

The CSS property to change the border of an element to YUV 220.8800, -108.8938, 20.2762 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(244, 252, 0) }
```



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

```
.border{ border-color:rgb(244, 252, 0) }
```

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

Here you see how a box with a 4 pixel rgb(244, 252, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 252, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 252, 0);  
box-shadow:4px 4px 4px 4px rgb(244, 252,  
0) }
```

# Background

The CSS property to change the background color of an element to YUV 220.8800, -108.8938, 20.2762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 252, 0) }
```

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

```
.background{ background-color: rgb(244,  
252, 0) }
```

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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