

Converting Colors

YUV(222.6950, -108.3096,
19.5615)

Have a look what the booklet for
YUV(222.6950, -108.3096, 19.5615)
contains.

YUV(222.6950, -108.3096, 19.5615)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(222.6950, -108.3096,
19.5615)**

Conversions

Conversions Part 1

Format	Color
Hex	F5FE03
RGB	245, 254, 3
RGB Percent	96%, 100%, 1%
CMY	0.0392, 0.0039, 0.9882
CMYK	0.04, 0.00, 0.99, 0.00
HSL	62°, 99%, 50%
HSV	62°, 99%, 100%
XYZ	73.1144, 90.3027, 13.6628
YIQ	222.6950, 75.2070, -79.9690

Conversions

Conversions Part 2

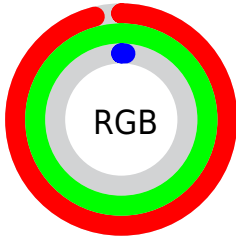
Format	Color
R _Y B	3, 254, 12
Decimal	16121347
CIE Lab	96.12, -25.15, 93.19
CIE LCh	96, 96.521, 105.105
Yxy	90.3027, 0.4129, 0.5100
Android (android.graphics.Color)	4294311427 (0xFF5FE03)
YUV	222.6950, -108.3096, 19.5615
Hunter-Lab	95.0277, -28.9604, 57.9949

Details

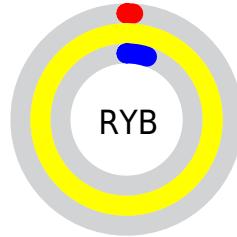
The YUV color **222.6950, -108.3096, 19.5615** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **34.3050, 108.3096, -19.5615**, and the grayscale version is **224.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.8740, -69.4509, 15.8965**, and **171.2420, -84.4223, 11.1888** is the 20% darker color. If you saturate the color by 10%, you get **222.3530, -109.6200, 19.8614**, and if you desaturate by 10%, it is **225.8440, -97.5371, 17.6768**.

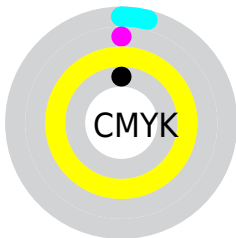
Distribution



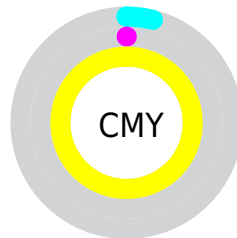
- Red (96%)
- Green (100%)
- Blue (1%)



- Red (1%)
- Yellow (100%)
- Blue (5%)



- Cyan (4%)
- Magenta (0%)
- Yellow (99%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.6950, -108.3096, 19.5615 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 222.6950, -108.3096, 19.5615 by changing the saturation by 10% instead.

222.6950,
-108.3096, 19.5615

222.6950,
-108.3096, 19.5615

255.0000, 0.0000,
0.0000

196.0610,
-96.6581, 15.7325

236.8740,
-69.4509, 15.8965

171.2420,
-84.4223, 11.1888

240.5220,
-55.4733, 12.6972

145.8360,
-71.8971, 7.1598

243.9420,
-42.3694, 9.6979

121.9030,
-60.0982, 2.7161

247.3620,
-29.2655, 6.6985

98.5570, -48.5886,
-2.2425

250.7820,
-16.1615, 3.6992

75.2110, -37.0790,
-7.2010

254.3160, -2.6208,

52.7510, -26.0062,

0.5999

-12.0596

■ 31.4650, -15.5122,
-17.9478

■ 17.0230, -8.3923,
-14.9292

■ 222.6950,
-108.3096, 19.5615

■ 222.6950,
-108.3096, 19.5615

■ 222.3530,
-109.6200, 19.8614

■ 225.8440,
-97.5371, 17.6768

■ 229.1070,
-86.3278, 15.6922

■ 232.2560,
-75.5552, 13.8075

■ 235.5190,
-64.3459, 11.8228

■ 238.6680,
-53.5733, 9.9382

■ 241.5180,
-42.6534, 7.4387

■ 244.7810,
-31.4440, 5.4541

■ 247.9300,
-20.6715, 3.5694

■ 251.1930, -9.4621,
1.5847

Harmonies

Analogous

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



210.3210, -87.4193, 39.1835



222.6950, -108.3096, 19.5615



201.1510, -49.8674, -58.8914

Triad

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



222.6950, -108.3096, 19.5615



178.7550, 37.5888, -156.7681



198.0610, 28.0709, 49.9355

Complementary

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



222.6950, -108.3096, 19.5615



34.3050, 108.3096, -19.5615

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.



220.9540, 16.7847, 29.8583



222.6950, -108.3096, 19.5615



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.



222.6950, -108.3096, 19.5615



178.7550, 37.5888, -156.7681



210.0380, 22.1663, -63.1773



187.7960, 6.5096, 58.9379

Rectangle

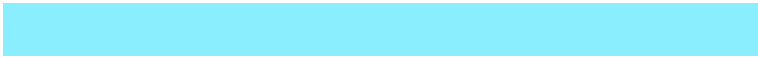
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



222.6950, -108.3096, 19.5615



168.0390, -3.4702, -147.3702



210.0380, 22.1663, -63.1773



204.5180, 24.8876, 44.2727

Sweetspot

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



222.6950, -108.3096, 19.5615



245.4390, -32.7544, 5.7540



82.7450, -39.3143, 150.1906



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.



222.6950, -108.3096, 19.5615



223.2390, -110.0568, 19.9614



185.3200, -89.8838, -57.2856



126.2190, -5.5310, 0.6849



167.1330, -82.3966, 14.7924



55.8070, -27.5129, 4.5543

Inverse Universe

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



34.3050, 108.3096, -19.5615



31.7610, 110.0568, -19.9614



71.6800, 89.8838, 57.2856



116.4820, 5.6784, -1.2997



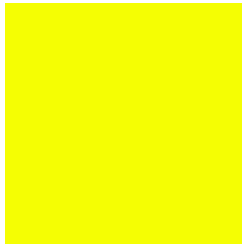
23.8670, 82.3966, -14.7924



7.8940, 27.6603, -5.1690

Previews

White Background



This preview shows how the YUV color 222.6950, -108.3096, 19.5615 looks on a white background.

Color Contrast Check

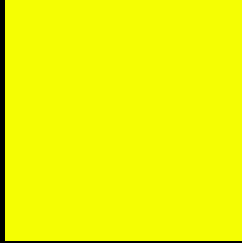
Large Text (above 18pt) WCAG AA × Fail

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 222.6950, -108.3096, 19.5615 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 222.6950, -108.3096, 19.5615 Background



This preview shows how black text looks on a background with the YUV color 222.6950, -108.3096, 19.5615.

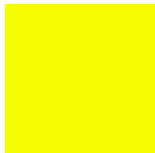


This preview shows how white text looks on a background with the YUV color 222.6950, -108.3096, 19.5615.

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



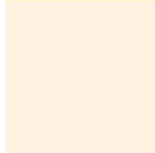
Original Color

222.6950, -108.3096, 19.5615



Protanopia

242.2730, -20.8406, 11.1616



Deuteranopia

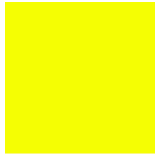
243.9490, -9.3419, 9.6917



Tritanopia

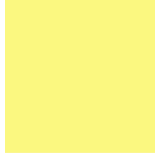
245.0380, 2.4463, 8.7367

Trichromacy



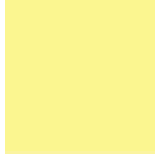
Original Color

222.6950, -108.3096, 19.5615



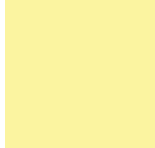
Protanomaly

235.2170, -52.8580, 13.8417



Deuteranomaly

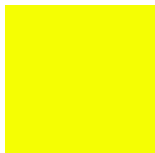
235.8670, -45.2904, 13.2716



Tritanomaly

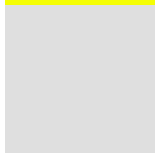
236.5170, -37.7229, 12.7016

Monochromacy



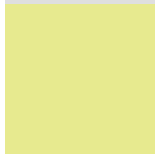
Original Color

222.6950, -108.3096, 19.5615



Achromatopsia

223.0000, 0.0000, 0.0000



Achromatomaly

222.7290, -39.3064, 7.2537

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.6950, -108.3096, 19.5615 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(245, 254, 3)` looks like.

```
.text, #text, p{  
    color:rgb(245, 254, 3)  
}
```

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(245, 254, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 254, 3) }
```

Border

The CSS property to change the border of an element to YUV 222.6950, -108.3096, 19.5615 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(245, 254, 3) }
```


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

```
.border{ border-color:rgb(245, 254, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 254, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 254, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 254, 3);  
box-shadow:4px 4px 4px 4px rgb(245, 254,  
3) }
```

Background

The CSS property to change the background color of an element to YUV 222.6950, -108.3096, 19.5615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 254, 3) }
```

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

```
.background{ background-color: rgb(245,  
254, 3) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor