

# Converting Colors

YUV(220.3950, -89.9207,  
1.4076)

Have a look what the booklet for  
YUV(220.3950, -89.9207, 1.4076)  
contains.

<b>YUV(220.3950, -89.9207, 1.4076)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(220.3950, -89.9207,  
1.4076)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEFF26
RGB	222, 255, 38
RGB Percent	87%, 100%, 15%
CMY	0.1294, 0.0000, 0.8510
CMYK	0.13, 0.00, 0.85, 0.00
HSL	69°, 100%, 57%
HSV	69°, 85%, 100%
XYZ	66.2341, 87.1895, 15.1721
YIQ	220.3950, 49.9890, -74.4830

# Conversions

## Conversions Part 2

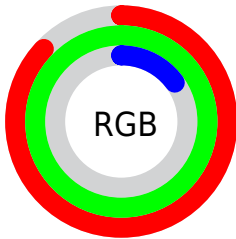
Format	Color
R <sub>Y</sub> B	38, 255, 71
Decimal	14614310
CIE Lab	94.82, -34.38, 87.38
CIE LCh	95, 93.900, 111.478
Yxy	87.1895, 0.3929, 0.5172
Android (android.graphics.Color)	4292804390 (0xFFDEFF26)
YUV	220.3950, -89.9207, 1.4076
Hunter-Lab	93.3753, -36.7912, 55.7290

# Details

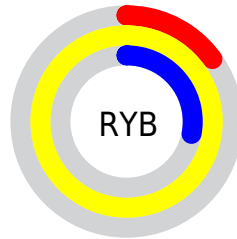
The YUV color **220.3950, -89.9207, 1.4076** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **72.6050, 89.9207, -1.4076**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.2420, -64.2093, 14.6968**, and **164.6640, -81.1794, -2.3363** is the 20% darker color. If you saturate the color by 10%, you get **216.3490, -100.2511, 1.4479**, and if you desaturate by 10%, it is **224.5550, -79.1536, 1.2673**.

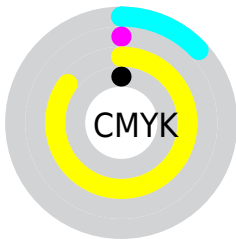
# Distribution



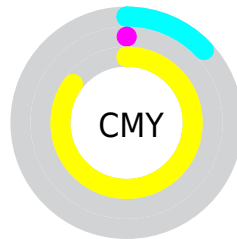
- Red (87%)
- Green (100%)
- Blue (15%)



- Red (15%)
- Yellow (100%)
- Blue (28%)



- Cyan (13%)
- Magenta (0%)
- Yellow (85%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 220.3950, -89.9207, 1.4076 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 220.3950, -89.9207, 1.4076 by changing the saturation by 10% instead.



220.3950,  
-89.9207, 1.4076

220.3950,  
-89.9207, 1.4076

255.0000, 0.0000,  
0.0000

190.0700,  
-93.7045, 1.6926

238.2420,  
-64.2093, 14.6968

164.6640,  
-81.1794, -2.3363

241.6620,  
-51.1054, 11.6974

140.1440,  
-69.0910, -6.2653

245.0820,  
-38.0014, 8.6981

115.6240,  
-57.0026, -10.1942

248.5020,  
-24.8975, 5.6987

92.2780, -45.4931,  
-15.1528

251.9220,  
-11.7935, 2.6994

68.6330, -33.8361,  
-20.7261

44.0800, -21.7314,

-29.8882

■ 27.5890, -13.6014,  
-24.1956

■ 14.6750, -7.2348,  
-12.8700

■ 220.3950,  
-89.9207, 1.4076

■ 220.3950,  
-89.9207, 1.4076

■ 216.3490,  
-100.2511, 1.4479

■ 224.5550,  
-79.1536, 1.2673

■ 214.2690,  
-105.6346, 1.5181

■ 228.6010,  
-68.8233, 1.2269

■ 232.7610,  
-58.0562, 1.0866

■ 236.8070,  
-47.7259, 1.0463

■ 240.6680,  
-36.8113, 0.2912

■ 244.7140,  
-26.4810, 0.2508

■ 248.8740,  
-15.7139, 0.1105

■ 252.9200, -5.3836,  
0.0702

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.



212.1160, -93.2342, 37.6093



220.3950, -89.9207, 1.4076



193.4500, -36.7039, -81.0787

# Triad

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



220.3950, -89.9207, 1.4076



178.7550, 37.5888, -156.7681



194.5390, 29.8073, 53.0243

# Complementary

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



220.3950, -89.9207, 1.4076



72.6050, 89.9207, -1.4076

# 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.



214.4970, 19.9680, 35.5211



220.3950, -89.9207, 1.4076



178.7550, 37.5888, -156.7681

# Square

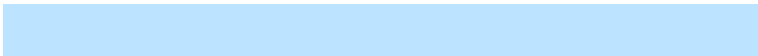
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220.3950, -89.9207, 1.4076



178.7550, 37.5888, -156.7681



218.5310, 17.9792, -26.7757



187.6360, -4.2575, 59.0782



# Rectangle

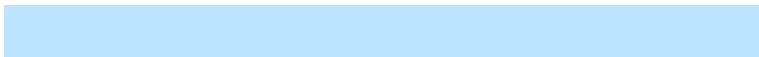
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



220.3950, -89.9207, 1.4076



170.0910, 4.3921, -149.1698



218.5310, 17.9792, -26.7757



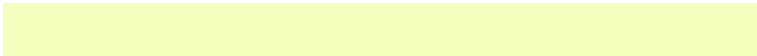
199.8220, 27.2028, 48.3911

# Sweetspot

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



220.3950, -89.9207, 1.4076



244.4860, -27.3546, 0.4508



122.2540, -41.5372, 116.4182



121.3470, -16.4401, -0.3043



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.



220.3950, -89.9207, 1.4076



214.2690, -105.6346, 1.5181



188.1030, -74.0008, -64.9883



125.9200, -5.3836, 0.0702



160.5550, -79.1536, 1.2673



53.7140, -26.4810, 0.2508



# Inverse Universe

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



72.6050, 89.9207, -1.4076



40.7310, 105.6346, -1.5181



104.8970, 74.0008, 64.9883



117.0800, 5.3836, -0.0702



30.4450, 79.1536, -1.2673

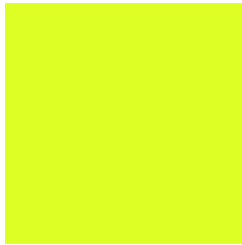


10.2860, 26.4810, -0.2508



# Previews

## White Background



This preview shows how the YUV color 220.3950, -89.9207, 1.4076 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

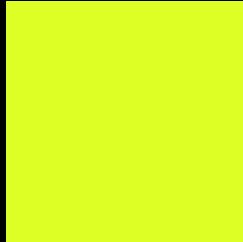
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 220.3950, -89.9207, 1.4076 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 220.3950, -89.9207, 1.4076

## Background



This preview shows how black text looks on a background with the YUV color 220.3950, -89.9207, 1.4076.



This preview shows how white text looks on a background with the YUV color 220.3950, -89.9207, 1.4076.



# 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

220.3950, -89.9207, 1.4076

### Protanopia

237.3030, -29.7294, 15.5203

### Deuteranopia

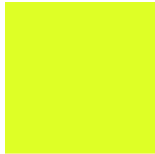
239.8740, -12.2629, 13.2655



## Tritanopia

240.2480, 7.2727, 0.6595

# Trichromacy



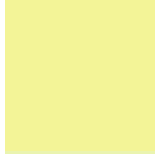
## Original Color

220.3950, -89.9207, 1.4076



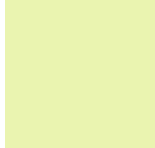
## Protanomaly

230.8360, -51.6841, 10.6678



## Deuteranomaly

233.0990, -40.4748, 8.6832



## Tritanomaly

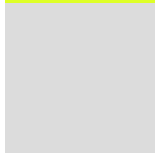
233.2580, -28.2282, 0.6507

# Monochromacy



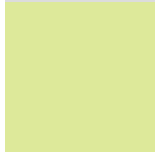
## Original Color

220.3950, -89.9207, 1.4076



## Achromatopsia

220.0000, 0.0000, 0.0000



## Achromatomaly

220.4060, -32.7382, 0.5209

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 220.3950, -89.9207, 1.4076 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(222, 255, 38)` looks like.

```
.text, #text, p{  
    color:rgb(222, 255, 38)  
}
```

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(222, 255, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 255, 38) }
```

## Border

The CSS property to change the border of an element to YUV 220.3950, -89.9207, 1.4076 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(222, 255, 38) }
```



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

```
.border{ border-color:rgb(222, 255, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 255, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 255, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 255, 38);  
box-shadow:4px 4px 4px 4px rgb(222, 255,  
38) }
```

# Background

The CSS property to change the background color of an element to YUV 220.3950, -89.9207, 1.4076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 255, 38) }
```

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

```
.background{ background-color: rgb(222,  
255, 38) }
```

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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