

# Converting Colors

YUV(201.3880, -99.2843,  
18.0767)

Have a look what the booklet for  
YUV(201.3880, -99.2843, 18.0767)  
contains.

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# Color

**YUV(201.3880, -99.2843,  
18.0767)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEE600
RGB	222, 230, 0
RGB Percent	87%, 90%, 0%
CMY	0.1294, 0.0980, 1.0000
CMYK	0.03, 0.00, 1.00, 0.10
HSL	62°, 100%, 45%
HSV	62°, 100%, 90%
XYZ	58.4210, 72.1232, 10.8421
YIQ	201.3880, 69.0620, -73.2260

# Conversions

## Conversions Part 2

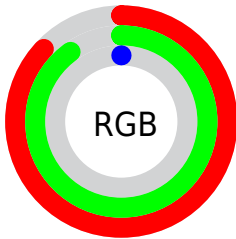
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 230, 8
Decimal	14607872
CIELab	88.03, -23.27, 86.66
CIELCh	88, 89.729, 105.033
Yxy	72.1232, 0.4132, 0.5101
Android (android.graphics.Color)	4292797952 (0xFFDEE600)
YUV	201.3880, -99.2843, 18.0767
Hunter-Lab	84.9254, -25.8275, 51.8785

# Details

The YUV color **201.3880, -99.2843, 18.0767** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **28.6120, 99.2843, -18.0767**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.1900, -72.0717, 16.4964**, and **151.1630, -74.5234, 9.5040** is the 20% darker color. If you saturate the color by 10%, you get **201.3880, -99.2843, 18.0767**, and if you desaturate by 10%, it is **204.3090, -89.3853, 16.3920**.

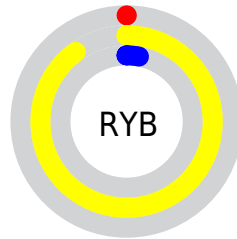
# Distribution



Red (87%)

Green (90%)

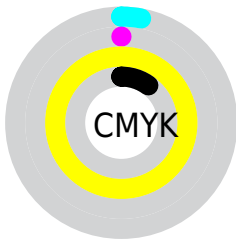
Blue (0%)



Red (0%)

Yellow (90%)

Blue (3%)

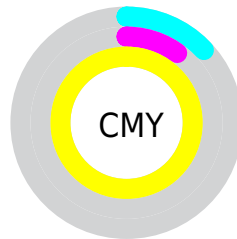


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (10%)



Cyan (13%)

Magenta (10%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 201.3880, -99.2843, 18.0767 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 201.3880, -99.2843, 18.0767 by changing the saturation by 10% instead.



201.3880,  
-99.2843, 18.0767

201.3880,  
-99.2843, 18.0767

255.0000, 0.0000,  
0.0000

175.9820,  
-86.7591, 14.0478

236.1900,  
-72.0717, 16.4964

151.1630,  
-74.5234, 9.5040

239.7240,  
-58.5309, 13.3971

126.6430,  
-62.4350, 5.5751

243.1440,  
-45.4270, 10.3977

103.2970,  
-50.9254, 0.6165

246.4500,  
-32.7599, 7.4983

80.2500, -39.5632,  
-3.7273

249.8700,  
-19.6559, 4.4990

57.7900, -28.4905,  
-8.5858

253.2900, -6.5520,

36.2160, -17.8545,

1.4997

-13.3444

■ 18.1970, -8.9711,  
-15.9588

■ 0.0000, 0.0000,  
0.0000

■ 201.3880,  
-99.2843, 18.0767

■ 204.3090,  
-89.3853, 16.3920

■ 207.2300,  
-79.4864, 14.7073

■ 209.8520,  
-69.4400, 12.4078

■ 212.7730,  
-59.5411, 10.7231

■ 215.6940,  
-49.6421, 9.0384

■ 218.6150,  
-39.7432, 7.3536

■ 221.5360,  
-29.8442, 5.6689

■ 224.1580,  
-19.7979, 3.3694

■ 227.0790, -9.8989,  
1.6847

# Harmonies

## Analogous

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



197.4240, -83.5260, 50.4942



201.3880, -99.2843, 18.0767



192.0150, -50.2934, -62.2802

# Triad

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



201.3880, -99.2843, 18.0767



178.7550, 37.5888, -156.7681



188.6690, 32.7012, 58.1723

# Complementary

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



201.3880, -99.2843, 18.0767



28.6120, 99.2843, -18.0767

# 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.



209.8010, 22.2831, 39.6395



201.3880, -99.2843, 18.0767



171.7110, 41.0615, -150.5905

# Square

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



201.3880, -99.2843, 18.0767



178.7550, 37.5888, -156.7681



192.6390, 30.7440, -61.0734



176.7110, 2.1145, 68.6595



# Rectangle

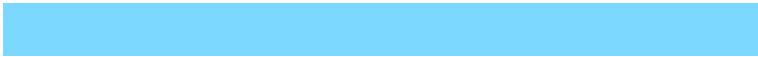
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



201.3880, -99.2843, 18.0767



166.2150, -10.4590, -145.7706



192.6390, 30.7440, -61.0734



194.5390, 29.8073, 53.0243

# Sweetspot

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



201.3880, -99.2843, 18.0767



245.4390, -32.7544, 5.7540



73.4660, -36.2187, 137.2803



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.



201.3880, -99.2843, 18.0767



223.2390, -110.0568, 19.9614



167.0030, -82.3325, -52.6226



113.3330, -5.0942, 0.5850



156.5010, -77.1550, 13.5926



44.5880, -21.9819, 3.8693



# Inverse Universe

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



28.6120, 99.2843, -18.0767



31.7610, 110.0568, -19.9614



62.9970, 82.3325, 52.6226



104.6670, 5.0942, -0.5850



22.2000, 77.3024, -14.2074

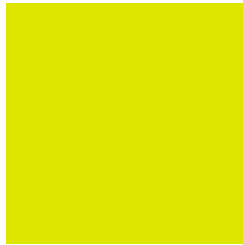


6.4120, 21.9819, -3.8693



# Previews

## White Background



This preview shows how the YUV color 201.3880, -99.2843, 18.0767 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

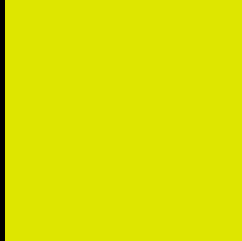
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 201.3880, -99.2843, 18.0767 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 201.3880, -99.2843, 18.0767

## Background



This preview shows how black text looks on a background with the YUV color 201.3880, -99.2843, 18.0767.



This preview shows how white text looks on a background with the YUV color 201.3880, -99.2843,



# 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



### Protanopia

204.1780, -100.6598, 39.3089

### Deuteranopia

219.3050, -32.6884, 31.3045

### Tritanopia

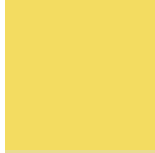
223.1140, 3.8878, 13.0550

# Trichromacy



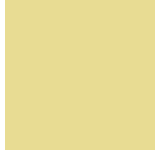
## Protanomaly

202.9490, -100.0539, 31.6167



## Deuteranomaly

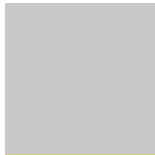
212.8550, -57.1165, 26.4372



## Tritanomaly

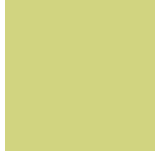
215.2660, -33.6551, 14.6757

# Monochromacy



## Achromatopsia

201.0000, 0.0000, 0.0000



## Achromatomaly

201.5270, -36.2488, 6.5538

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 201.3880, -99.2843, 18.0767 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, 230, 0)` looks like.

```
.text, #text, p{  
    color:rgb(222, 230, 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(222, 230, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 230, 0) }
```

## Border

The CSS property to change the border of an element to YUV 201.3880, -99.2843, 18.0767 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, 230, 0) }
```

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

```
.border{ border-color:rgb(222, 230, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 230, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 230, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 230, 0);  
box-shadow:4px 4px 4px 4px rgb(222, 230,  
0) }
```



# Background

The CSS property to change the background color of an element to YUV 201.3880, -99.2843, 18.0767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 230, 0) }
```

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

```
.background{ background-color: rgb(222,  
230, 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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