

Converting Colors

YUV(201.9750, -99.5737,
17.5619)

Have a look what the booklet for
YUV(201.9750, -99.5737, 17.5619)
contains.

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Color

**YUV(201.9750, -99.5737,
17.5619)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE700
RGB	222, 231, 0
RGB Percent	87%, 91%, 0%
CMY	0.1294, 0.0941, 1.0000
CMYK	0.04, 0.00, 1.00, 0.09
HSL	62°, 100%, 45%
HSV	62°, 100%, 91%
XYZ	58.7001, 72.6814, 10.9351
YIQ	201.9750, 68.7870, -73.7490

Conversions

Conversions Part 2

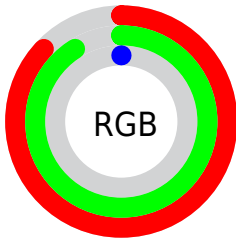
Format	Color
R _Y B	0, 231, 9
Decimal	14608128
CIE Lab	88.30, -23.75, 86.86
CIE LCh	88, 90.044, 105.294
Yxy	72.6814, 0.4125, 0.5107
Android (android.graphics.Color)	4292798208 (0xFFDEE700)
YUV	201.9750, -99.5737, 17.5619
Hunter-Lab	85.2534, -26.2896, 52.0725

Details

The YUV color **201.9750, -99.5737, 17.5619** 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 **29.0250, 99.5737, -17.5619**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.3040, -71.6349, 16.3964**, and **151.7500, -74.8127, 8.9893** is the 20% darker color. If you saturate the color by 10%, you get **201.9750, -99.5737, 17.5619**, and if you desaturate by 10%, it is **204.8960, -89.6747, 15.8772**.

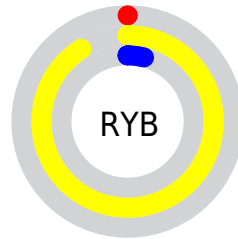
Distribution



Red (87%)

Green (91%)

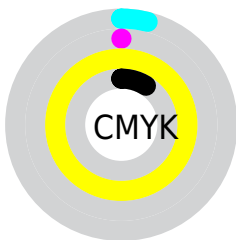
Blue (0%)



Red (0%)

Yellow (91%)

Blue (4%)

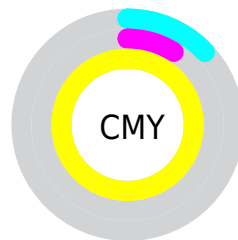


Cyan (4%)

Magenta (0%)

Yellow (100%)

Black (9%)



Cyan (13%)

Magenta (9%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.9750, -99.5737, 17.5619 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 201.9750, -99.5737, 17.5619 by changing the saturation by 10% instead.

■ 201.9750,
-99.5737, 17.5619

■ 201.9750,
-99.5737, 17.5619

■ 255.0000, 0.0000,
0.0000

■ 176.5690,
-87.0485, 13.5330

■ 236.3040,
-71.6349, 16.3964

■ 151.7500,
-74.8127, 8.9893

■ 239.7240,
-58.5309, 13.3971

■ 127.2300,
-62.7244, 5.0603

■ 243.1440,
-45.4270, 10.3977

■ 103.2970,
-50.9254, 0.6165

■ 246.4500,
-32.7599, 7.4983

■ 80.8370, -39.8526,
-4.2420

■ 249.8700,
-19.6559, 4.4990

■ 58.3770, -28.7799,
-9.1006

■ 253.2900, -6.5520,

■ 36.8030, -18.1439,

1.4997

-13.8592

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 201.9750,
-99.5737, 17.5619

■ 204.8960,
-89.6747, 15.8772

■ 207.8170,
-79.7758, 14.1925

■ 210.7380,
-69.8768, 12.5078

■ 213.6590,
-59.9779, 10.8231

■ 216.6940,
-49.6421, 9.0384

■ 219.3160,
-39.5958, 6.7389

■ 222.2370,
-29.6968, 5.0542

■ 225.1580,
-19.7979, 3.3694

■ 228.0790, -9.8989,
1.6847

Harmonies

Analogous

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



197.8970, -84.2522, 50.0793



201.9750, -99.5737, 17.5619



192.3030, -50.4354, -63.4097

Triad

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



201.9750, -99.5737, 17.5619



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.



201.9750, -99.5737, 17.5619



29.0250, 99.5737, -17.5619

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



201.9750, -99.5737, 17.5619



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.



201.9750, -99.5737, 17.5619



178.7550, 37.5888, -156.7681



193.5360, 30.3018, -59.2291



176.7110, 2.1145, 68.6595

Rectangle

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



201.9750, -99.5737, 17.5619



166.3290, -10.0222, -145.8705



193.5360, 30.3018, -59.2291



194.5390, 29.8073, 53.0243

Sweetspot

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



201.9750, -99.5737, 17.5619



245.4390, -32.7544, 5.7540



73.7650, -36.3661, 137.8951



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.



201.9750, -99.5737, 17.5619



222.9400, -109.9094, 19.3466



167.8890, -82.7693, -52.5227



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.



29.0250, 99.5737, -17.5619



32.0600, 109.9094, -19.3466



63.1110, 82.7693, 52.5227



104.6670, 5.0942, -0.5850



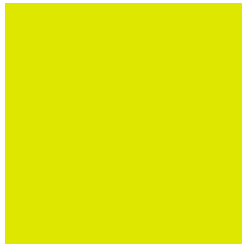
22.4990, 77.1550, -13.5926



6.4120, 21.9819, -3.8693

Previews

White Background



This preview shows how the YUV color 201.9750, -99.5737, 17.5619 looks on a white background.

Color Contrast Check

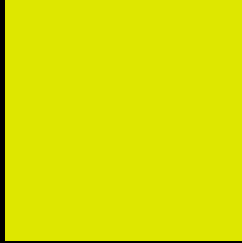
Large Text (above 18pt) WCAG AA × Fail

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 201.9750, -99.5737, 17.5619 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 201.9750, -99.5737, 17.5619

Background



This preview shows how black text looks on a background with the YUV color 201.9750, -99.5737, 17.5619.



This preview shows how white text looks on a background with the YUV color 201.9750, -99.5737, 17.5619.

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

205.0640, -101.0966, 39.4089

Deuteranopia

220.2340, -31.6674, 30.4898

Tritanopia

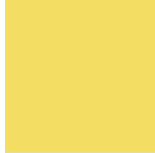
223.8150, 4.0352, 12.4402

Trichromacy



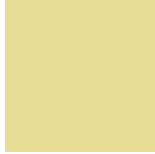
Protanomaly

203.8350, -100.4907, 31.7167



Deuteranomaly

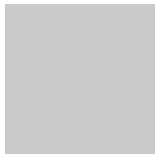
213.6700, -56.5323, 25.7224



Tritanomaly

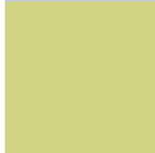
215.9670, -33.5077, 14.0609

Monochromacy



Achromatopsia

202.0000, 0.0000, 0.0000



Achromatomaly

202.2280, -36.1014, 5.9390

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.9750, -99.5737, 17.5619 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, 231, 0)` looks like.

```
.text, #text, p{  
    color:rgb(222, 231, 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, 231, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 231, 0) }
```

Border

The CSS property to change the border of an element to YUV 201.9750, -99.5737, 17.5619 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, 231, 0) }
```

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

```
.border{ border-color:rgb(222, 231, 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, 231, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 231, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 231, 0);  
box-shadow:4px 4px 4px 4px rgb(222, 231,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 201.9750, -99.5737, 17.5619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 231, 0) }
```

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

```
.background{ background-color: rgb(222,  
231, 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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