

Converting Colors

YUV(201.6870, -99.4317,
18.6915)

Have a look what the booklet for
YUV(201.6870, -99.4317, 18.6915)
contains.

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Color

**YUV(201.6870, -99.4317,
18.6915)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE600
RGB	223, 230, 0
RGB Percent	87%, 90%, 0%
CMY	0.1255, 0.0980, 1.0000
CMYK	0.03, 0.00, 1.00, 0.10
HSL	62°, 100%, 45%
HSV	62°, 100%, 90%
XYZ	58.7282, 72.2816, 10.8564
YIQ	201.6870, 69.6580, -73.0140

Conversions

Conversions Part 2

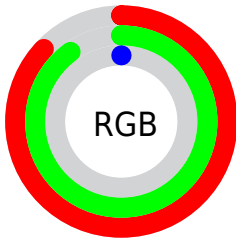
Format	Color
R _Y B	0, 230, 7
Decimal	14673408
CIE Lab	88.10, -22.86, 86.75
CIE LCh	88, 89.709, 104.762
Yxy	72.2816, 0.4140, 0.5095
Android (android.graphics.Color)	4292863488 (0xFFDFE600)
YUV	201.6870, -99.4317, 18.6915
Hunter-Lab	85.0186, -25.4802, 51.9420

Details

The YUV color **201.6870, -99.4317, 18.6915** 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 **28.3130, 99.4317, -18.6915**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.1900, -72.0717, 16.4964**, and **151.4620, -74.6708, 10.1188** is the 20% darker color. If you saturate the color by 10%, you get **201.6870, -99.4317, 18.6915**, and if you desaturate by 10%, it is **204.6080, -89.5327, 17.0068**.

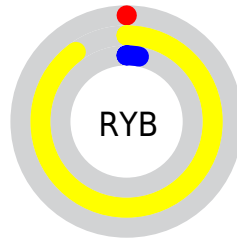
Distribution



Red (87%)

Green (90%)

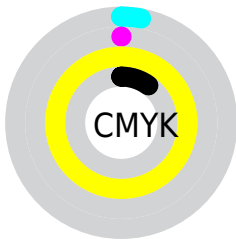
Blue (0%)



Red (0%)

Yellow (90%)

Blue (3%)

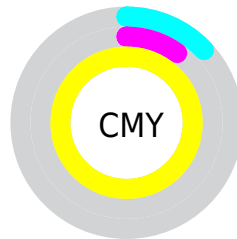


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (10%)



Cyan (13%)

Magenta (10%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.6870, -99.4317, 18.6915 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 201.6870, -99.4317, 18.6915 by changing the saturation by 10% instead.

201.6870,
-99.4317, 18.6915

201.6870,
-99.4317, 18.6915

255.0000, 0.0000,
0.0000

176.2810,
-86.9065, 14.6626

236.1900,
-72.0717, 16.4964

151.4620,
-74.6708, 10.1188

239.7240,
-58.5309, 13.3971

126.9420,
-62.5824, 6.1899

243.1440,
-45.4270, 10.3977

103.5960,
-51.0728, 1.2313

246.4500,
-32.7599, 7.4983

80.5490, -39.7107,
-3.1125

249.8700,
-19.6559, 4.4990

58.0890, -28.6379,
-7.9711

253.2900, -6.5520,

36.5150, -18.0019,

1.4997

-12.7297

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 201.6870,
-99.4317, 18.6915

■ 204.6080,
-89.5327, 17.0068

■ 207.2300,
-79.4864, 14.7073

■ 210.1510,
-69.5874, 13.0226

■ 213.0720,
-59.6885, 11.3379

■ 215.9930,
-49.7895, 9.6531

■ 218.6150,
-39.7432, 7.3536

■ 221.5360,
-29.8442, 5.6689

■ 224.4570,
-19.9453, 3.9842

■ 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.



197.6520, -82.6524, 50.2942



201.6870, -99.4317, 18.6915



192.2000, -50.8776, -61.5654

Triad

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



201.6870, -99.4317, 18.6915



178.7550, 37.5888, -156.7681



189.2560, 32.4118, 57.6575

Complementary

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



201.6870, -99.4317, 18.6915



28.3130, 99.4317, -18.6915

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.



210.3880, 21.9937, 39.1247



201.6870, -99.4317, 18.6915



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.



201.6870, -99.4317, 18.6915



178.7550, 37.5888, -156.7681



192.0410, 31.0388, -62.3030



176.8250, 2.5513, 68.5595

Rectangle

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



201.6870, -99.4317, 18.6915



166.1010, -10.8958, -145.6706



192.0410, 31.0388, -62.3030



195.1260, 29.5179, 52.5095

Sweetspot

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



201.6870, -99.4317, 18.6915



245.7380, -32.9018, 6.3688



71.1180, -35.0612, 139.3395



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.



201.6870, -99.4317, 18.6915



223.5380, -110.2042, 20.5762



168.1990, -82.9221, -50.1635



113.3330, -5.0942, 0.5850



156.8000, -77.3024, 14.2074



44.5880, -21.9819, 3.8693

Inverse Universe

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



28.3130, 99.4317, -18.6915



31.4620, 110.2042, -20.5762



61.8010, 82.9221, 50.1635



104.6670, 5.0942, -0.5850



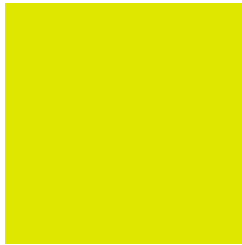
21.9010, 77.4498, -14.8222



6.4120, 21.9819, -3.8693

Previews

White Background



This preview shows how the YUV color 201.6870, -99.4317, 18.6915 looks on a white background.

Color Contrast Check

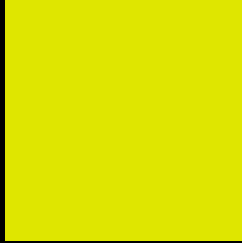
Large Text (above 18pt) WCAG AA × Fail

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 201.6870, -99.4317, 18.6915 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 201.6870, -99.4317, 18.6915

Background



This preview shows how black text looks on a background with the YUV color 201.6870, -99.4317, 18.6915.



This preview shows how white text looks on a background with the YUV color 201.6870, -99.4317, 18.6915.

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

219.4190, -32.2516, 31.2045

Tritanopia

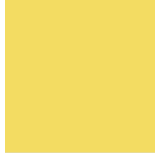
223.4130, 3.7404, 13.6698

Trichromacy



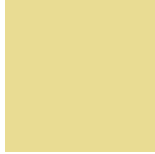
Protanomaly

203.2480, -100.2013, 32.2315



Deuteranomaly

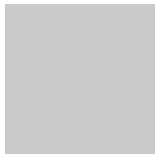
212.9690, -56.6797, 26.3372



Tritanomaly

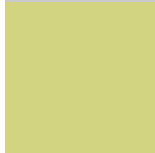
215.5650, -33.8025, 15.2905

Monochromacy



Achromatopsia

202.0000, 0.0000, 0.0000



Achromatomaly

201.9400, -35.9594, 7.0686

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.6870, -99.4317, 18.6915 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(223, 230, 0)` looks like.

```
.text, #text, p{  
    color:rgb(223, 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(223, 230, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 230, 0) }
```

Border

The CSS property to change the border of an element to YUV 201.6870, -99.4317, 18.6915 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(223, 230, 0) }
```

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

```
.border{ border-color:rgb(223, 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(223, 230, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 230, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 230, 0);  
box-shadow:4px 4px 4px 4px rgb(223, 230,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 201.6870, -99.4317, 18.6915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 230, 0) }
```

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

```
.background{ background-color: rgb(223,  
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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