

Converting Colors

YUV(204.5270, -100.3388,
-17.1252)

Have a look what the booklet for
YUV(204.5270, -100.3388, -17.1252)
contains.

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Color

**YUV(204.5270, -100.3388,
-17.1252)**

Conversions

Conversions Part 1

Format	Color
Hex	B9FE01
RGB	185, 254, 1
RGB Percent	73%, 100%, 0%
CMY	0.2745, 0.0039, 0.9961
CMYK	0.27, 0.00, 1.00, 0.00
HSL	76°, 99%, 50%
HSV	76°, 100%, 100%
XYZ	55.4549, 81.2001, 12.7791
YIQ	204.5270, 40.0890, -93.3110

Conversions

Conversions Part 2

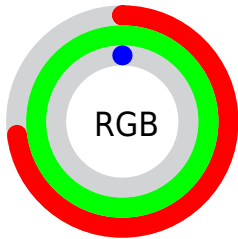
Format	Color
R _Y B	1, 254, 70
Decimal	12189185
CIE Lab	92.22, -48.67, 88.67
CIE LCh	92, 101.144, 118.761
Yxy	81.2001, 0.3711, 0.5434
Android (android.graphics.Color)	4290379265 (0xFFB9FE01)
YUV	204.5270, -100.3388, -17.1252
Hunter-Lab	90.1111, -47.8445, 54.6695

Details

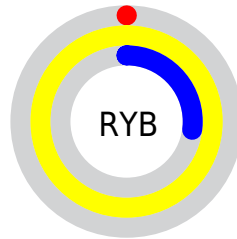
The YUV color **204.5270, -100.3388, -17.1252** is a dark color, and the websafe version is hex **CCFF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **50.4730, 100.3388, 17.1252**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.9550, -68.9978, 10.5635**, and **153.0140, -75.4359, -24.5683** is the 20% darker color. If you saturate the color by 10%, you get **204.4130, -100.7756, -17.0252**, and if you desaturate by 10%, it is **209.4700, -90.4507, -15.3212**.

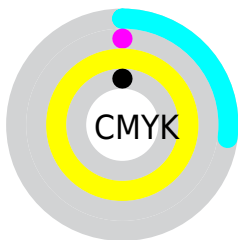
Distribution



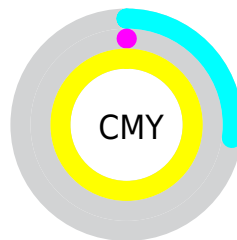
- Red (73%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (27%)



- Cyan (27%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.5270, -100.3388, -17.1252 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 204.5270, -100.3388, -17.1252 by changing the saturation by 10% instead.

■ 204.5270,
-100.3388, -17.1252

■ 204.5270,
-100.3388, -17.1252

■ 255.0000, 0.0000,
0.0000

■ 178.4200,
-87.9611, -20.5393

■ 233.9550,
-68.9978, 10.5635

■ 153.0140,
-75.4359, -24.5683

■ 240.1800,
-56.7837, 12.9971

■ 127.6080,
-62.9107, -28.5972

■ 243.7140,
-43.2430, 9.8978

■ 103.0770,
-50.8170, -34.2705

■ 247.0200,
-30.5759, 6.9985

■ 75.5670, -37.2545,
-44.3473

■ 250.5540,
-17.0351, 3.8991

■ 53.4170, -26.3346,
-46.8467

■ 253.9740, -3.9312,

■ 39.3290, -19.3892,

0.8998

-34.4915

■ 26.4150, -13.0226,
-23.1660

■ 8.8050, -4.3409,
-7.7220

■ 204.5270,
-100.3388, -17.1252

■ 204.5270,
-100.3388, -17.1252

■ 204.4130,
-100.7756, -17.0252

■ 209.4700,
-90.4507, -15.3212

■ 214.5270,
-80.1258, -13.6172

■ 219.4700,
-70.2377, -11.8132

■ 224.5270,
-59.9128, -10.1092

■ 229.4700,
-50.0247, -8.3052

■ 234.4130,
-40.1366, -6.5012

■ 239.1710,
-29.6643, -5.4120

■ 244.1140,
-19.7762, -3.6080

■ 249.1710, -9.4513,
-1.9040

Harmonies

Analogous

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



209.4940, -103.2805, 39.9088



204.5270, -100.3388, -17.1252



163.9350, -19.1950, -143.7710

Triad

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



204.5270, -100.3388, -17.1252



178.7550, 37.5888, -156.7681



178.2680, 30.9269, 67.2940

Complementary

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



204.5270, -100.3388, -17.1252



50.4730, 100.3388, 17.1252

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.



199.8220, 27.2028, 48.3911



204.5270, -100.3388, -17.1252



173.4720, 40.1933, -152.1349

Square

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



204.5270, -100.3388, -17.1252



178.7550, 37.5888, -156.7681



216.6470, 18.9080, 2.0636



177.3030, -15.9254, 68.1403

Rectangle

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



204.5270, -100.3388, -17.1252



171.4590, 9.6337, -150.3695



216.6470, 18.9080, 2.0636



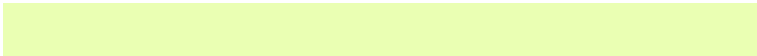
183.9730, 35.0163, 62.2907

Sweetspot

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



204.5270, -100.3388, -17.1252



240.0570, -30.1011, -5.3120



115.9760, -56.6832, 121.0470



118.8690, -18.1764, -3.3931



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.



204.5270, -100.3388, -17.1252



205.0000, -101.0650, -17.5400



167.1520, -81.9129, -93.9723



125.3220, -5.0887, -1.1594



153.6780, -75.7633, -12.8726



51.3220, -25.3017, -4.6674

Inverse Universe

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



50.4730, 100.3388, 17.1252



50.0000, 101.0650, 17.5400



87.8480, 81.9129, 93.9723



117.3790, 5.2362, 0.5446



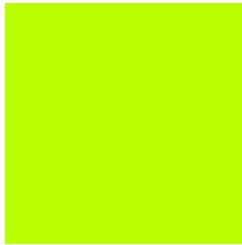
37.3220, 75.7633, 12.8726



12.3790, 25.4492, 4.0526

Previews

White Background



This preview shows how the YUV color 204.5270, -100.3388, -17.1252 looks on a white background.

Color Contrast Check

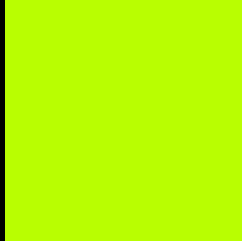
Large Text (above 18pt) WCAG AA × Fail

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 204.5270, -100.3388, -17.1252 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 204.5270, -100.3388, -17.1252 Background



This preview shows how black text looks on a background with the YUV color 204.5270, -100.3388, -17.1252.



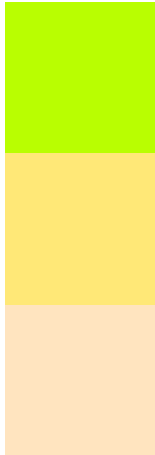
This preview shows how white text looks on a background with the YUV color 204.5270, -100.3388, -17.1252.

-17.1252.

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

204.5270, -100.3388, -17.1252

Protanopia

225.9950, -52.7485, 25.4374

Deuteranopia

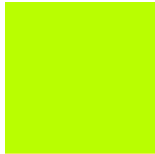
231.8550, -20.1415, 20.2982



Tritanopia

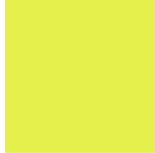
229.7940, 12.4266, -19.1133

Trichromacy



Original Color

204.5270, -100.3388, -17.1252



Protanomaly

218.3140, -70.1608, 10.2486



Deuteranomaly

221.7970, -49.1999, 7.1940



Tritanomaly

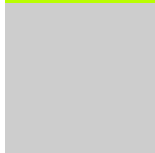
221.0230, -28.6053, -18.4372

Monochromacy



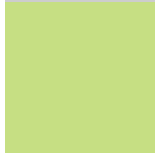
Original Color

204.5270, -100.3388, -17.1252



Achromatopsia

205.0000, 0.0000, 0.0000



Achromatomaly

205.0370, -36.5002, -6.1714

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.5270, -100.3388, -17.1252 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(185, 254, 1)` looks like.

```
.text, #text, p{  
    color:rgb(185, 254, 1)  
}
```

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(185, 254, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 254, 1) }
```

Border

The CSS property to change the border of an element to YUV 204.5270, -100.3388, -17.1252 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(185, 254, 1) }
```


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

```
.border{ border-color:rgb(185, 254, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 254, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 254, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 254, 1);  
box-shadow:4px 4px 4px 4px rgb(185, 254,  
1) }
```

Background

The CSS property to change the background color of an element to YUV 204.5270, -100.3388, -17.1252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 254, 1) }
```

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

```
.background{ background-color: rgb(185,  
254, 1) }
```

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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