

Converting Colors

YUV(202.9290, -100.0440,
-18.3547)

Have a look what the booklet for
YUV(202.9290, -100.0440, -18.3547)
contains.

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Color

**YUV(202.9290, -100.0440,
-18.3547)**

Conversions

Conversions Part 1

Format	Color
Hex	B6FD00
RGB	182, 253, 0
RGB Percent	71%, 99%, 0%
CMY	0.2863, 0.0078, 1.0000
CMYK	0.28, 0.00, 1.00, 0.01
HSL	77°, 100%, 50%
HSV	77°, 100%, 99%
XYZ	54.4167, 80.1956, 12.6112
YIQ	202.9290, 38.8970, -93.7350

Conversions

Conversions Part 2

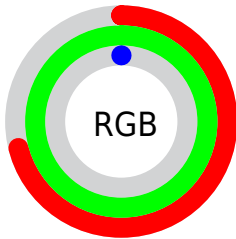
Format	Color
RYB	0, 253, 71
Decimal	11992320
CIELab	91.77, -49.36, 88.32
CIELCh	92, 101.180, 119.198
Yxy	80.1956, 0.3696, 0.5447
Android (android.graphics.Color)	4290182400 (0xFFB6FD00)
YUV	202.9290, -100.0440, -18.3547
Hunter-Lab	89.5520, -48.2497, 54.3368

Details

The YUV color **202.9290, -100.0440, -18.3547** 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 **50.0710, 100.0440, 18.3547**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.0580, -68.5556, 8.7191**, and **151.5300, -74.7043, -25.8978** is the 20% darker color. If you saturate the color by 10%, you get **202.9290, -100.0440, -18.3547**, and if you desaturate by 10%, it is **207.8720, -90.1559, -16.5507**.

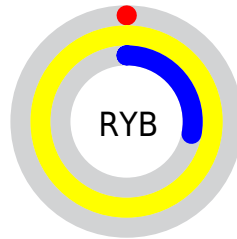
Distribution



Red (71%)

Green (99%)

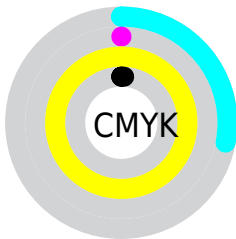
Blue (0%)



Red (0%)

Yellow (99%)

Blue (28%)

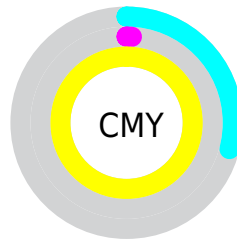


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (1%)



Cyan (29%)

Magenta (1%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.9290, -100.0440, -18.3547 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 202.9290, -100.0440, -18.3547 by changing the saturation by 10% instead.

■ 202.9290,
-100.0440, -18.3547

■ 202.9290,
-100.0440, -18.3547

■ 255.0000, 0.0000,
0.0000

■ 176.9360,
-87.2294, -21.8689

■ 233.0580,
-68.5556, 8.7191

■ 151.5300,
-74.7043, -25.8978

■ 240.1800,
-56.7837, 12.9971

■ 126.1240,
-62.1791, -29.9267

■ 243.6000,
-43.6798, 9.9978

■ 101.2940,
-49.9379, -36.2148

■ 247.0200,
-30.5759, 6.9985

■ 73.4740, -36.2227,
-48.6507

■ 250.4400,
-17.4719, 3.9991

■ 52.8300, -26.0452,
-46.3319

■ 253.8600, -4.3680,

■ 38.7420, -19.0998,

0.9998

-33.9767

■ 25.8280, -12.7332,
-22.6512

■ 7.0440, -3.4727,
-6.1776

■ 202.9290,
-100.0440, -18.3547

■ 207.8720,
-90.1559, -16.5507

■ 212.9290,
-79.8310, -14.8467

■ 217.8720,
-69.9429, -13.0427

■ 222.8150,
-60.0548, -11.2388

■ 228.1710,
-49.8773, -8.9200

■ 233.1140,
-39.9892, -7.1160

■ 238.0570,
-30.1011, -5.3120

■ 243.0000,
-20.2130, -3.5080

■ 248.0570, -9.8881,
-1.8040

Harmonies

Analogous

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



208.9070, -102.9912, 40.4236



202.9290, -100.0440, -18.3547



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.



202.9290, -100.0440, -18.3547



178.7550, 37.5888, -156.7681



177.3390, 29.9059, 68.1087

Complementary

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



202.9290, -100.0440, -18.3547



50.0710, 100.0440, 18.3547

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.



198.6480, 27.7815, 49.4207



202.9290, -100.0440, -18.3547



172.2980, 40.7721, -151.1053

Square

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



202.9290, -100.0440, -18.3547



178.7550, 37.5888, -156.7681



216.3590, 19.0500, 3.1932



176.4880, -16.5096, 68.8550

Rectangle

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



202.9290, -100.0440, -18.3547



171.5730, 10.0705, -150.4695



216.3590, 19.0500, 3.1932



182.7990, 35.5951, 63.3203

Sweetspot

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



202.9290, -100.0440, -18.3547



240.0570, -30.1011, -5.3120



114.9760, -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.



202.9290, -100.0440, -18.3547



204.4020, -100.7702, -18.7696



166.1520, -81.9129, -93.9723



125.3220, -5.0887, -1.1594



153.3790, -75.6158, -13.4874



51.3220, -25.3017, -4.6674

Inverse Universe

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



50.0710, 100.0440, 18.3547



50.5980, 100.7702, 18.7696



86.8480, 81.9129, 93.9723



117.3790, 5.2362, 0.5446



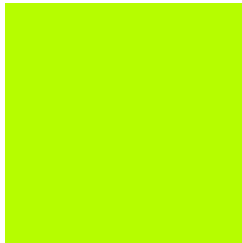
37.9200, 75.4684, 14.1022



12.6780, 25.3017, 4.6674

Previews

White Background



This preview shows how the YUV color 202.9290, -100.0440, -18.3547 looks on a white background.

Color Contrast Check

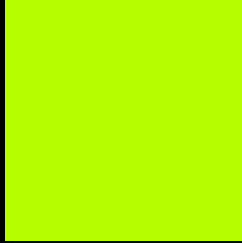
Large Text (above 18pt) WCAG AA × Fail

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 202.9290, -100.0440, -18.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

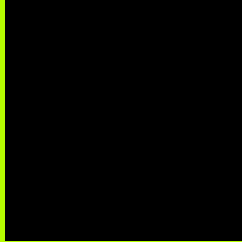
Any Text WCAG AA ✓ Pass

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 202.9290, -100.0440, -18.3547 Background



This preview shows how black text looks on a background with the YUV color 202.9290, -100.0440, -18.3547.



This preview shows how white text looks on a background with the YUV color 202.9290, -100.0440, -18.3547.

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

223.8120, -58.5743, 27.3519

Deuteranopia

230.2250, -21.3099, 21.7277

Tritanopia

228.4950, 12.5740, -19.7281

Trichromacy



Protanomaly

216.1030, -73.5078, 10.4337

Deuteranomaly

220.2700, -49.9261, 6.7792

Tritanomaly

219.4250, -28.3105, -19.6667

Monochromacy



Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

202.7380, -36.3528, -6.7862

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.9290, -100.0440, -18.3547 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(182, 253, 0)` looks like.

```
.text, #text, p{  
    color:rgb(182, 253, 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(182, 253, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 253, 0) }
```

Border

The CSS property to change the border of an element to YUV 202.9290, -100.0440, -18.3547 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(182, 253, 0) }
```

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

```
.border{ border-color:rgb(182, 253, 0) }
```

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

Here you see how a box with a 4 pixel rgb(182, 253, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 253, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 253, 0);  
box-shadow:4px 4px 4px 4px rgb(182, 253,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 202.9290, -100.0440, -18.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 253, 0) }
```

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

```
.background{ background-color: rgb(182,  
253, 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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