

Converting Colors

YUV(202.3200, -99.7438,
-21.3286)

Have a look what the booklet for
YUV(202.3200, -99.7438, -21.3286)
contains.

YUV(202.3200, -99.7438, -21.3286)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(202.3200, -99.7438,
-21.3286)**

Conversions

Conversions Part 1

Format	Color
Hex	B2FE00
RGB	178, 254, 0
RGB Percent	70%, 100%, 0%
CMY	0.3020, 0.0039, 1.0000
CMYK	0.30, 0.00, 1.00, 0.00
HSL	78°, 100%, 50%
HSV	78°, 100%, 100%
XYZ	53.8019, 80.3486, 12.6732
YIQ	202.3200, 36.2380, -95.1060

Conversions

Conversions Part 2

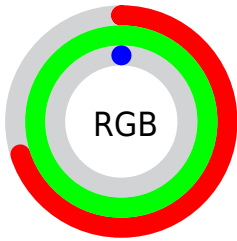
Format	Color
RYB	0, 254, 76
Decimal	11730432
CIELab	91.84, -51.22, 88.28
CIELCh	92, 102.067, 120.123
Yxy	80.3486, 0.3664, 0.5472
Android (android.graphics.Color)	4289920512 (0xFFB2FE00)
YUV	202.3200, -99.7438, -21.3286
Hunter-Lab	89.6374, -49.7266, 54.3636

Details

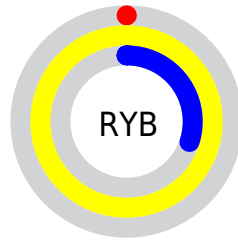
The YUV color **202.3200, -99.7438, -21.3286** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **51.6800, 99.7438, 21.3286**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.8620, -67.9660, 6.2600**, and **150.9210, -74.4041, -28.8717** is the 20% darker color. If you saturate the color by 10%, you get **202.3200, -99.7438, -21.3286**, and if you desaturate by 10%, it is **207.5620, -90.0031, -18.9099**.

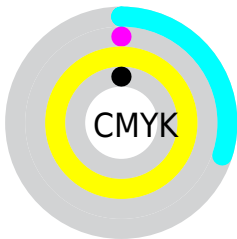
Distribution



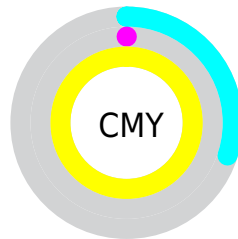
- Red (70%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (30%)



- Cyan (30%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (30%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.3200, -99.7438, -21.3286 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 202.3200, -99.7438, -21.3286 by changing the saturation by 10% instead.

202.3200,
-99.7438, -21.3286

202.3200,
-99.7438, -21.3286

255.0000, 0.0000,
0.0000

176.3270,
-86.9292, -24.8428

231.8620,
-67.9660, 6.2600

150.9210,
-74.4041, -28.8717

240.1800,
-56.7837, 12.9971

125.2160,
-61.7315, -33.5154

243.6000,
-43.6798, 9.9978

99.7990, -49.2009,
-39.2887

247.0200,
-30.5759, 6.9985

68.9890, -34.0116,
-57.8724

250.4400,
-17.4719, 3.9991

53.4170, -26.3346,
-46.8467

253.8600, -4.3680,

38.7420, -19.0998,

0.9998

-33.9767

■ 26.4150, -13.0226,
-23.1660

■ 7.0440, -3.4727,
-6.1776

■ 202.3200,
-99.7438, -21.3286

■ 207.5620,
-90.0031, -18.9099

■ 212.6190,
-79.6782, -17.2059

■ 217.8610,
-69.9375, -14.7871

■ 222.9180,
-59.6126, -13.0831

■ 228.1600,
-49.8719, -10.6643

■ 233.4020,
-40.1312, -8.2456

■ 238.4590,
-29.8063, -6.5415

■ 243.7010,
-20.0656, -4.1228

■ 248.7580, -9.7407,
-2.4188

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



202.3200, -99.7438, -21.3286



164.1630, -18.3214, -143.9710

Triad

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



202.3200, -99.7438, -21.3286



178.7550, 37.5888, -156.7681



175.8230, 29.1743, 69.4382

Complementary

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



202.3200, -99.7438, -21.3286



51.6800, 99.7438, 21.3286

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.



196.8870, 28.6497, 50.9651



202.3200, -99.7438, -21.3286



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.



202.3200, -99.7438, -21.3286



178.7550, 37.5888, -156.7681



216.6800, 18.8918, 7.2966



176.0320, -18.2568, 69.2549

Rectangle

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



202.3200, -99.7438, -21.3286



171.9150, 11.3809, -150.7695



216.6800, 18.8918, 7.2966



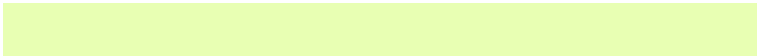
181.6250, 36.1739, 64.3499

Sweetspot

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



202.3200, -99.7438, -21.3286



239.4590, -29.8063, -6.5415



118.2100, -58.2775, 119.0878



118.5700, -18.0290, -4.0079



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.



202.3200, -99.7438, -21.3286



203.2060, -100.1806, -21.2287



165.5430, -81.6127, -96.9462



125.3220, -5.0887, -1.1594



152.1830, -75.0262, -15.9465



51.0230, -25.1543, -5.2822

Inverse Universe

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



51.6800, 99.7438, 21.3286



51.7940, 100.1806, 21.2287



88.4570, 81.6127, 96.9462



117.6780, 5.0887, 1.1594



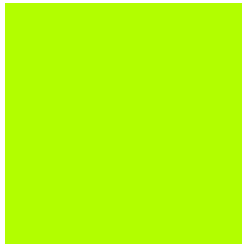
38.8170, 75.0262, 15.9465



12.9770, 25.1543, 5.2822

Previews

White Background



This preview shows how the YUV color 202.3200, -99.7438, -21.3286 looks on a white background.

Color Contrast Check

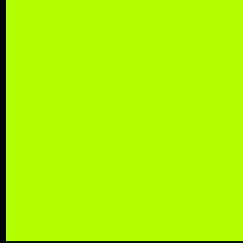
Large Text (above 18pt) WCAG AA × Fail

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 202.3200, -99.7438, -21.3286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

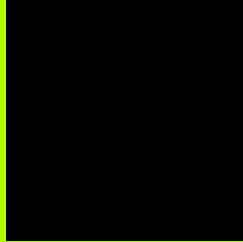
Any Text WCAG AA ✓ Pass

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 202.3200, -99.7438, -21.3286 Background



This preview shows how black text looks on a background with the YUV color 202.3200, -99.7438, -21.3286.



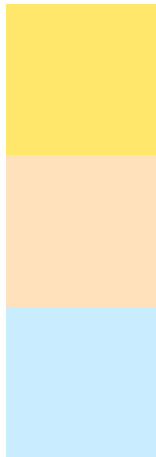
This preview shows how white text looks on a background with the YUV color 202.3200, -99.7438, -21.3286.

-21.3286.

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

224.0400, -57.7007, 27.1519

Deuteranopia

230.3390, -20.8731, 21.6277

Tritanopia

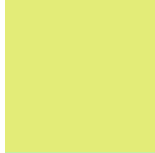
228.0000, 13.3110, -22.8020

Trichromacy



Protanomaly

215.9180, -72.9236, 9.7189



Deuteranomaly

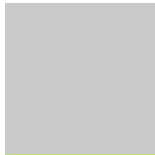
220.0850, -49.3419, 6.0645



Tritanomaly

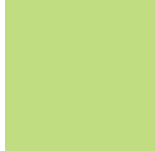
218.8160, -28.0103, -22.6406

Monochromacy



Achromatopsia

202.0000, 0.0000, 0.0000



Achromatomaly

202.1400, -36.0580, -8.0158

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.3200, -99.7438, -21.3286 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(178, 254, 0)` looks like.

```
.text, #text, p{  
    color:rgb(178, 254, 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(178, 254, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 254, 0) }
```

Border

The CSS property to change the border of an element to YUV 202.3200, -99.7438, -21.3286 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(178, 254, 0) }
```

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

```
.border{ border-color:rgb(178, 254, 0) }
```

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

Here you see how a box with a 4 pixel rgb(178, 254, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 254, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 254, 0);  
box-shadow:4px 4px 4px 4px rgb(178, 254,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 202.3200, -99.7438, -21.3286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 254, 0) }
```

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

```
.background{ background-color: rgb(178,  
254, 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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