

Converting Colors

YUV(201.7470, -36.8503,
-33.9811)

Have a look what the booklet for
YUV(201.7470, -36.8503, -33.9811)
contains.

YUV(201.7470, -36.8503, -33.9811)	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>	31

Color

**YUV(201.7470, -36.8503,
-33.9811)**

Conversions

Conversions Part 1

Format	Color
Hex	A3EC7F
RGB	163, 236, 127
RGB Percent	64%, 93%, 50%
CMY	0.3608, 0.0745, 0.5020
CMYK	0.31, 0.00, 0.46, 0.07
HSL	100°, 74%, 71%
HSV	100°, 46%, 93%
XYZ	48.9305, 69.3097, 30.8779
YIQ	201.7470, -8.5190, -49.3750

Conversions

Conversions Part 2

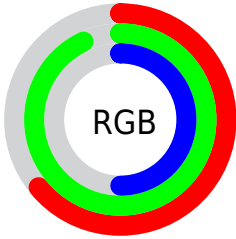
Format	Color
RYB	127, 236, 200
Decimal	10742911
CIELab	86.66, -41.76, 45.60
CIELCh	87, 61.829, 132.485
Yxy	69.3097, 0.3281, 0.4648
Android (android.graphics.Color)	4288932991 (0xFFA3EC7F)
YUV	201.7470, -36.8503, -33.9811
Hunter-Lab	83.2525, -40.7810, 36.2864

Details

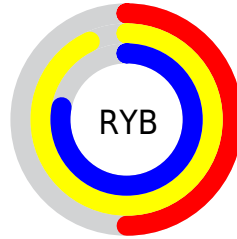
The YUV color **201.7470, -36.8503, -33.9811** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **161.2530, 36.8503, 33.9811**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.0990, -27.1638, -14.1188**, and **146.5020, -35.2505, -33.7663** is the 20% darker color. If you saturate the color by 10%, you get **194.2270, -44.9749, -41.4181**, and if you desaturate by 10%, it is **209.2670, -28.7256, -26.5442**.

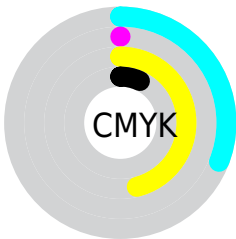
Distribution



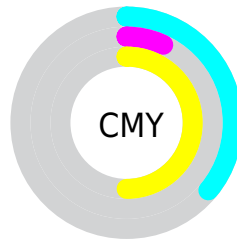
- Red (64%)
- Green (93%)
- Blue (50%)



- Red (50%)
- Yellow (93%)
- Blue (78%)



- Cyan (31%)
- Magenta (0%)
- Yellow (46%)
- Black (7%)



- Cyan (36%)
- Magenta (7%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.7470, -36.8503, -33.9811 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 201.7470, -36.8503, -33.9811 by changing the saturation by 10% instead.

■ 201.7470,
-36.8503, -33.9811

■ 201.7470,
-36.8503, -33.9811

255.0000, 0.0000,
0.0000

■ 173.9750,
-35.9767, -34.1811

■ 236.0990,
-27.1638, -14.1188

■ 146.5020,
-35.2505, -33.7663

■ 248.3750,
-18.9189, 1.4251

■ 119.3170,
-34.6663, -34.4810

■ 253.0620, -7.4256,
1.6996

■ 92.0180, -34.5189,
-35.0958

■ 64.9680, -32.0292,
-40.3139

■ 44.6120, -21.9937,
-39.1247

■ 30.5240, -15.0483,

-26.7695

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 201.7470,
-36.8503, -33.9811

■ 201.7470,
-36.8503, -33.9811

■ 194.2270,
-44.9749, -41.4181

■ 209.2670,
-28.7256, -26.5442

■ 186.8210,
-52.6628, -48.9550

■ 216.6730,
-21.0378, -19.0072

■ 179.6000,
-60.9348, -55.7772

■ 223.8940,
-12.7657, -12.1850

■ 172.1940,
-68.6226, -63.3141

■ 231.3000, -5.0779,
-4.6481

■ 164.6740,
-76.7473, -70.7511

■ 238.8200, 3.0467,
2.7889

■ 161.8540,
-79.7940, -73.5400

■ 243.8470, 5.4984,
9.7812

Harmonies

Analogous

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



209.5440, -55.4842, 16.1859



201.7470, -36.8503, -33.9811



183.4820, -1.7166, -103.0317

Triad

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



201.7470, -36.8503, -33.9811



165.8410, 43.9554, -145.4426



196.5040, -0.7415, 51.3010

Complementary

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



201.7470, -36.8503, -33.9811



161.2530, 36.8503, 33.9811

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.



206.1650, 23.5827, 42.8283



201.7470, -36.8503, -33.9811



203.7130, 25.2845, -36.5823

Square

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



201.7470, -36.8503, -33.9811



171.7110, 41.0615, -150.5905



217.4210, 18.5264, 31.2028



197.8650, -28.5274, 50.1074

Rectangle

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



201.7470, -36.8503, -33.9811



170.0690, 24.6160, -149.1505



217.4210, 18.5264, 31.2028



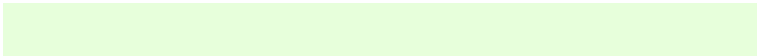
198.6700, 7.5577, 49.4014

Sweetspot

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



201.7470, -36.8503, -33.9811



243.7200, -12.1870, -11.1554



202.4420, -37.1929, 29.4304



121.0070, -7.3985, -7.0221



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.



201.7470, -36.8503, -33.9811



210.9340, -47.2955, -43.7921



193.0350, -23.6813, -57.9127



113.3540, -3.6255, -3.8185



124.1870, -61.2242, -56.2920



37.0800, -18.2804, -16.7332

Inverse Universe

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



161.2530, 36.8503, 33.9811



159.0660, 47.2955, 43.7921



169.9650, 23.6813, 57.9127



109.3470, 3.7729, 3.2037



56.8130, 61.2242, 56.2920



16.9200, 18.2804, 16.7332

Previews

White Background



This preview shows how the YUV color 201.7470, -36.8503, -33.9811 looks on a white background.

Color Contrast Check

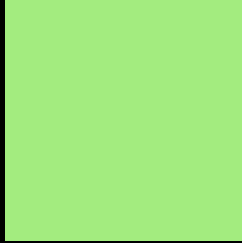
Large Text (above 18pt) WCAG AA × Fail

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 201.7470, -36.8503, -33.9811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

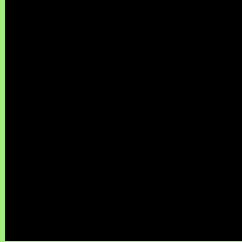
Any Text WCAG AA ✓ Pass

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 201.7470, -36.8503, -33.9811 Background



This preview shows how black text looks on a background with the YUV color 201.7470, -36.8503, -33.9811.



This preview shows how white text looks on a background with the YUV color 201.7470, -36.8503, -33.9811.

-33.9811.

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

201.7470, -36.8503, -33.9811

Protanopia

211.3350, -45.0282, 22.5082

Deuteranopia

215.4410, -32.2624, 34.6932



Tritanopia

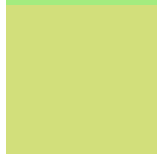
212.4940, 14.0535, -27.6202

Trichromacy



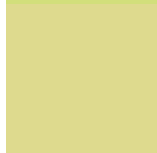
Original Color

201.7470, -36.8503, -33.9811



Protanomaly

207.7130, -41.7635, 2.0057



Deuteranomaly

210.5320, -33.7863, 10.0574



Tritanomaly

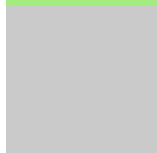
208.6620, -4.2704, -30.3986

Monochromacy



Original Color

201.7470, -36.8503, -33.9811



Achromatopsia

202.0000, 0.0000, 0.0000



Achromatomaly

201.7800, -13.2025, -12.0851

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.7470, -36.8503, -33.9811 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(163, 236, 127)` looks like.

```
.text, #text, p{  
    color:rgb(163, 236, 127)  
}
```

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(163, 236, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 236, 127) }
```

Border

The CSS property to change the border of an element to YUV 201.7470, -36.8503, -33.9811 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(163, 236, 127) }
```


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

```
.border{ border-color:rgb(163, 236, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 236, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 236, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 236, 127);  
box-shadow:4px 4px 4px 4px rgb(163, 236,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 201.7470, -36.8503, -33.9811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 236, 127) }
```

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

```
.background{ background-color: rgb(163,  
236, 127) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor