

Converting Colors

YUV(211.2190, -36.0970,
-42.2881)

Have a look what the booklet for
YUV(211.2190, -36.0970, -42.2881)
contains.

YUV(211.2190, -36.0970, -42.2881)	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(211.2190, -36.0970,
-42.2881)**

Conversions

Conversions Part 1

Format	Color
Hex	A3FA8A
RGB	163, 250, 138
RGB Percent	64%, 98%, 54%
CMY	0.3608, 0.0196, 0.4588
CMYK	0.35, 0.00, 0.45, 0.02
HSL	107°, 92%, 76%
HSV	107°, 45%, 98%
XYZ	53.8773, 77.9927, 36.2592
YIQ	211.2190, -15.9000, -53.2760

Conversions

Conversions Part 2

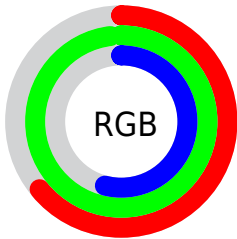
Format	Color
RYB	138, 250, 225
Decimal	10746506
CIELab	90.78, -46.44, 45.47
CIELCh	91, 64.995, 135.606
Yxy	77.9927, 0.3205, 0.4639
Android (android.graphics.Color)	4288936586 (0xFFA3FA8A)
YUV	211.2190, -36.0970, -42.2881
Hunter-Lab	88.3135, -45.6513, 37.4765

Details

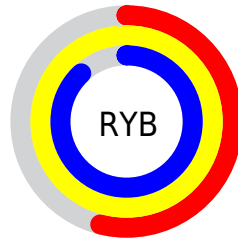
The YUV color **211.2190, -36.0970, -42.2881** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **176.7810, 36.0970, 42.2881**, and the grayscale version is **212.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.7660, -22.0696, -14.7038**, and **155.0880, -34.0604, -42.1732** is the 20% darker color. If you saturate the color by 10%, you get **202.6880, -44.2162, -51.4694**, and if you desaturate by 10%, it is **219.7500, -27.9778, -33.1067**.

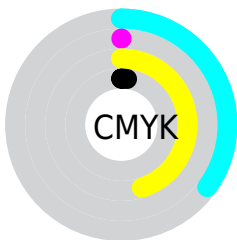
Distribution



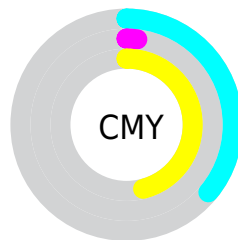
- Red (64%)
- Green (98%)
- Blue (54%)



- Red (54%)
- Yellow (98%)
- Blue (88%)



- Cyan (35%)
- Magenta (0%)
- Yellow (45%)
- Black (2%)



- Cyan (36%)
- Magenta (2%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.2190, -36.0970, -42.2881 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 211.2190, -36.0970, -42.2881 by changing the saturation by 10% instead.

■ 211.2190,
-36.0970, -42.2881

■ 211.2190,
-36.0970, -42.2881

255.0000, 0.0000,
0.0000

■ 182.7460,
-35.3708, -41.8732

■ 237.7660,
-22.0696, -14.7038

■ 155.0880,
-34.0604, -42.1732

■ 249.6290,
-14.1141, 0.3254

■ 127.0170,
-33.0394, -42.9879

■ 254.4300, -2.1840,
0.4999

■ 99.5330, -32.3078,
-44.3174

■ 67.8370, -33.4436,
-53.3540

■ 51.0690, -25.1770,
-44.7875

■ 36.9810, -18.2316,

-32.4323

■ 24.6540, -12.1544,
-21.6216

■ 2.9350, -1.4470,
-2.5740

■ 211.2190,
-36.0970, -42.2881

■ 211.2190,
-36.0970, -42.2881

■ 202.6880,
-44.2162, -51.4694

■ 219.7500,
-27.9778, -33.1067

■ 193.8580,
-52.1880, -61.2655

■ 228.5800,
-20.0059, -23.3107

■ 185.3270,
-60.3072, -70.4468

■ 237.1110,
-11.8867, -14.1293

■ 176.4970,
-68.2790, -80.2429

■ 245.9410, -3.9149,
-4.3333

■ 167.9660,
-76.3982, -89.4242

■ 252.0650, 1.4470,
2.5740

■ 163.4940,
-80.6025, -94.2722

Harmonies

Analogous

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



219.3540, -57.3625, 11.9675



211.2190, -36.0970, -42.2881



185.1850, 5.3318, -123.8192

Triad

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



211.2190, -36.0970, -42.2881



172.2980, 40.7721, -151.1053



202.1290, -2.0356, 46.3679

Complementary

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



211.2190, -36.0970, -42.2881



176.7810, 36.0970, 42.2881

Split Complementary

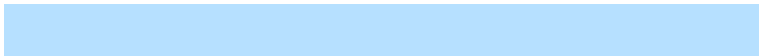
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



210.3880, 21.9937, 39.1247



211.2190, -36.0970, -42.2881



214.9760, 19.7318, -28.9200

Square

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



211.2190, -36.0970, -42.2881



178.7550, 37.5888, -156.7681



222.1280, 16.2059, 28.8287



205.1370, -31.1265, 43.7299

Rectangle

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



211.2190, -36.0970, -42.2881



176.9310, 30.6000, -155.1685



222.1280, 16.2059, 28.8287



203.9360, 7.4266, 44.7831

Sweetspot

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



211.2190, -36.0970, -42.2881



243.4640, -10.5818, -12.6849



221.9700, -41.3972, 24.5823



120.8220, -6.8142, -7.7369



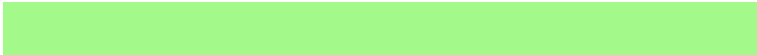
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



211.2190, -36.0970, -42.2881



207.2750, -44.5056, -51.9842



207.1640, -19.3079, -60.6568



120.5280, -4.2043, -4.8481



123.5010, -60.8860, -71.4764



39.9930, -19.7165, -22.7959

Inverse Universe

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



176.7810, 36.0970, 42.2881



164.7250, 44.5056, 51.9842



180.8360, 19.3079, 60.6568



116.4720, 4.2043, 4.8481



65.4990, 60.8860, 71.4764



21.3060, 19.5691, 23.4106

Previews

White Background



This preview shows how the YUV color 211.2190, -36.0970, -42.2881 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 211.2190, -36.0970, -42.2881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

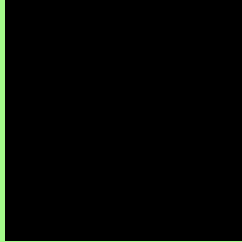
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

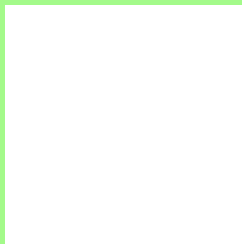
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 211.2190, -36.0970, -42.2881 Background



This preview shows how black text looks on a background with the YUV color 211.2190, -36.0970, -42.2881.



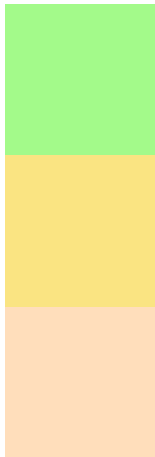
This preview shows how white text looks on a background with the YUV color 211.2190, -36.0970, -42.2881.

-42.2881.

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

211.2190, -36.0970, -42.2881

Protanopia

223.4060, -46.0492, 23.3229

Deuteranopia

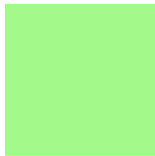
227.8770, -20.1524, 23.7869



Tritanopia

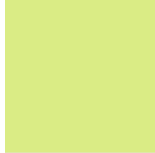
222.6180, 15.9643, -33.8680

Trichromacy



Original Color

211.2190, -36.0970, -42.2881



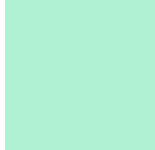
Protanomaly

218.8760, -42.3369, -0.7683



Deuteranomaly

221.8280, -26.0442, 0.1508



Tritanomaly

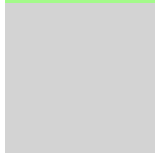
218.2590, -3.0857, -37.0611

Monochromacy



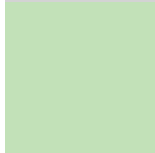
Original Color

211.2190, -36.0970, -42.2881



Achromatopsia

211.0000, 0.0000, 0.0000



Achromatomaly

211.0570, -13.3391, -14.9590

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.2190, -36.0970, -42.2881 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, 250, 138)` looks like.

```
.text, #text, p{  
    color:rgb(163, 250, 138)  
}
```

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, 250, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 250, 138) }
```

Border

The CSS property to change the border of an element to YUV 211.2190, -36.0970, -42.2881 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, 250, 138) }
```


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

```
.border{ border-color:rgb(163, 250, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 250, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 250, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 250, 138);  
box-shadow:4px 4px 4px 4px rgb(163, 250,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 211.2190, -36.0970, -42.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 250, 138) }
```

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

```
.background{ background-color: rgb(163,  
250, 138) }
```

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