

Converting Colors

YUV(213.4250, -51.9745,
-36.3297)

Have a look what the booklet for
YUV(213.4250, -51.9745, -36.3297)
contains.

YUV(213.4250, -51.9745, -36.3297)	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(213.4250, -51.9745,
-36.3297)**

Conversions

Conversions Part 1

Format	Color
Hex	ACFF6C
RGB	172, 255, 108
RGB Percent	67%, 100%, 42%
CMY	0.3255, 0.0000, 0.5765
CMYK	0.33, 0.00, 0.58, 0.00
HSL	94°, 100%, 71%
HSV	94°, 58%, 100%
XYZ	55.4800, 81.3734, 26.9699
YIQ	213.4250, -2.2810, -63.3130

Conversions

Conversions Part 2

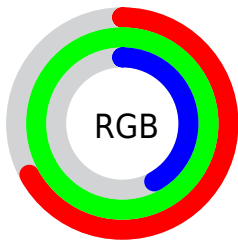
Format	Color
RYB	108, 255, 191
Decimal	11337580
CIELab	92.30, -48.93, 61.12
CIELCh	92, 78.293, 128.684
Yxy	81.3734, 0.3387, 0.4967
Android (android.graphics.Color)	4289527660 (0xFFACFF6C)
YUV	213.4250, -51.9745, -36.3297
Hunter-Lab	90.2072, -48.0799, 45.4187

Details

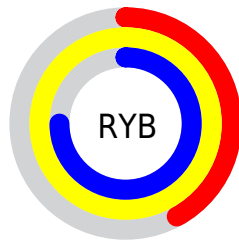
The YUV color **213.4250, -51.9745, -36.3297** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **149.5750, 51.9745, 36.3297**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.3360, -36.6476, -5.5567**, and **156.2400, -51.3903, -37.0445** is the 20% darker color. If you saturate the color by 10%, you get **206.3890, -60.8308, -42.4372**, and if you desaturate by 10%, it is **220.5750, -42.6815, -30.3223**.

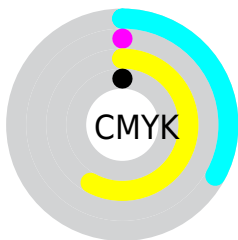
Distribution



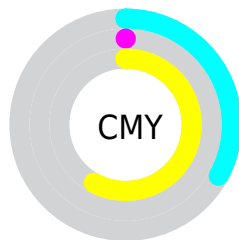
- Red (67%)
- Green (100%)
- Blue (42%)



- Red (42%)
- Yellow (100%)
- Blue (75%)



- Cyan (33%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)



- Cyan (33%)
- Magenta (0%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.4250, -51.9745, -36.3297 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 213.4250, -51.9745, -36.3297 by changing the saturation by 10% instead.

■ 213.4250,
-51.9745, -36.3297

■ 213.4250,
-51.9745, -36.3297

■ 255.0000, 0.0000,
0.0000

■ 184.5390,
-51.5377, -36.4297

■ 237.3360,
-36.6476, -5.5567

■ 156.2400,
-51.3903, -37.0445

■ 247.8180,
-27.5183, 6.2986

■ 127.1430,
-54.3005, -36.9594

■ 251.1240,
-14.8511, 3.3993

■ 100.3860,
-49.4903, -39.8035

■ 254.4300, -2.1840,
0.4999

■ 73.1640, -36.0699,
-51.0098

■ 53.4170, -26.3346,
-46.8467

■ 39.3290, -19.3892,

-34.4915

■ 26.4150, -13.0226,
-23.1660

■ 8.8050, -4.3409,
-7.7220

■ 213.4250,
-51.9745, -36.3297

■ 213.4250,
-51.9745, -36.3297

■ 206.3890,
-60.8308, -42.4372

■ 220.5750,
-42.6815, -30.3223

■ 198.9400,
-69.9764, -49.0594

■ 227.9100,
-33.9726, -23.6001

■ 191.9040,
-78.8327, -55.1668

■ 235.0600,
-24.6796, -17.5926

■ 184.4550,
-87.9783, -61.7890

■ 242.3950,
-15.9707, -10.8704

■ 182.8740,
-90.1569, -63.0335

■ 249.5450, -6.6777,
-4.8630

255.0000, 0.0000,
0.0000

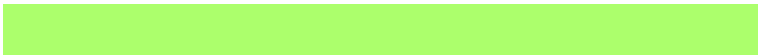
Harmonies

Analogous

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



222.1590, -75.0144, 27.0476



213.4250, -51.9745, -36.3297



169.6350, 2.6449, -148.7699

Triad

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



213.4250, -51.9745, -36.3297



178.7550, 37.5888, -156.7681



196.9090, 8.4259, 50.9458

Complementary

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



213.4250, -51.9745, -36.3297



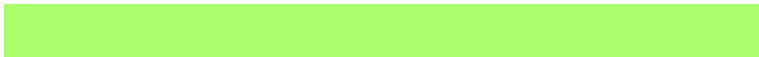
149.5750, 51.9745, 36.3297

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.



207.4530, 23.4407, 41.6987



213.4250, -51.9745, -36.3297



203.5040, 25.3875, -69.7250

Square

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



213.4250, -51.9745, -36.3297



178.7550, 37.5888, -156.7681



225.0630, 14.7589, 26.2547



198.2070, -27.2171, 49.8075

Rectangle

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



213.4250, -51.9745, -36.3297



175.5630, 25.3584, -153.9688



225.0630, 14.7589, 26.2547



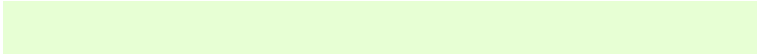
199.7590, 19.3458, 48.4464

Sweetspot

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



213.4250, -51.9745, -36.3297



242.9220, -15.2445, -10.4556



199.5000, -45.1095, 48.6735



120.5510, -9.1456, -6.6222



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.



213.4250, -51.9745, -36.3297



205.3350, -62.2832, -43.2668



195.0870, -39.4829, -76.3753



124.1260, -4.4991, -3.6185



136.9340, -67.5085, -47.3001



45.9400, -22.6484, -15.7334

Inverse Universe

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



149.5750, 51.9745, 36.3297



128.6650, 62.2832, 43.2668



167.9130, 39.4829, 76.3753



118.5750, 4.6465, 3.0037



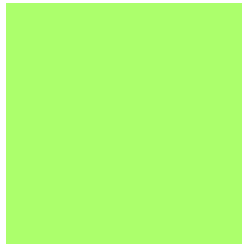
54.0660, 67.5085, 47.3001



18.0600, 22.6484, 15.7334

Previews

White Background



This preview shows how the YUV color 213.4250, -51.9745, -36.3297 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 213.4250, -51.9745, -36.3297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

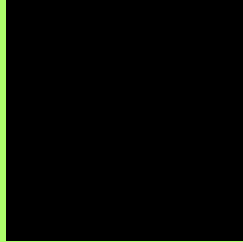
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

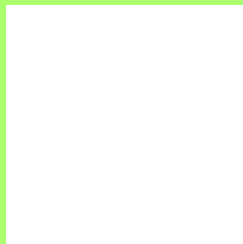
Any Text WCAG AAA ✓ Pass

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

YUV 213.4250, -51.9745, -36.3297 Background



This preview shows how black text looks on a background with the YUV color 213.4250, -51.9745, -36.3297.



This preview shows how white text looks on a background with the YUV color 213.4250, -51.9745, -36.3297.

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

213.4250, -51.9745, -36.3297

Protanopia

226.4510, -51.0013, 25.0375

Deuteranopia

231.7240, -18.1049, 20.4131



Tritanopia

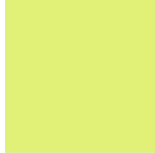
228.5760, 13.0270, -25.0612

Trichromacy



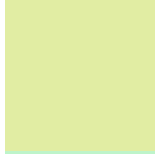
Original Color

213.4250, -51.9745, -36.3297



Protanomaly

221.6070, -51.0783, 2.9757



Deuteranomaly

224.9760, -30.5542, 0.0210



Tritanomaly

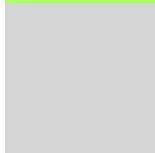
223.0660, -10.3855, -28.9989

Monochromacy



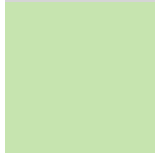
Original Color

213.4250, -51.9745, -36.3297



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

212.9880, -18.7281, -13.1445

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.4250, -51.9745, -36.3297 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(172, 255, 108)` looks like.

```
.text, #text, p{  
    color:rgb(172, 255, 108)  
}
```

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(172, 255, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 255, 108) }
```

Border

The CSS property to change the border of an element to YUV 213.4250, -51.9745, -36.3297 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(172, 255, 108) }
```


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

```
.border{ border-color:rgb(172, 255, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 255, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 255, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 255, 108);  
box-shadow:4px 4px 4px 4px rgb(172, 255,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 213.4250, -51.9745, -36.3297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 255, 108) }
```

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

```
.background{ background-color: rgb(172,  
255, 108) }
```

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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