

Converting Colors

YUV(214.4510, -48.0433,
-37.2295)

Have a look what the booklet for
YUV(214.4510, -48.0433, -37.2295)
contains.

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Color

**YUV(214.4510, -48.0433,
-37.2295)**

Conversions

Conversions Part 1

Format	Color
Hex	ACFF75
RGB	172, 255, 117
RGB Percent	67%, 100%, 46%
CMY	0.3255, 0.0000, 0.5412
CMYK	0.33, 0.00, 0.54, 0.00
HSL	96°, 100%, 73%
HSV	96°, 54%, 100%
XYZ	55.9841, 81.5750, 29.6245
YIQ	214.4510, -5.1700, -60.5140

Conversions

Conversions Part 2

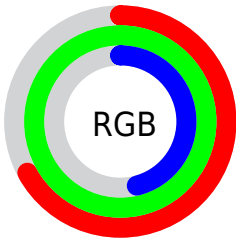
Format	Color
RYB	117, 255, 200
Decimal	11337589
CIELab	92.39, -48.06, 57.28
CIElCh	92, 74.768, 129.998
Yxy	81.5750, 0.3349, 0.4879
Android (android.graphics.Color)	4289527669 (0xFFACFF75)
YUV	214.4510, -48.0433, -37.2295
Hunter-Lab	90.3189, -47.4149, 43.7762

Details

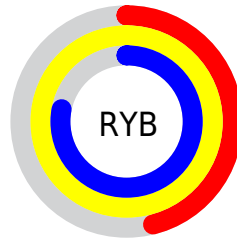
The YUV color **214.4510, -48.0433, -37.2295** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **157.5490, 48.0433, 37.2295**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.3620, -32.7165, -6.4565**, and **157.7930, -46.7329, -37.5295** is the 20% darker color. If you saturate the color by 10%, you get **207.0020, -57.1890, -43.8518**, and if you desaturate by 10%, it is **221.9000, -38.8977, -30.6073**.

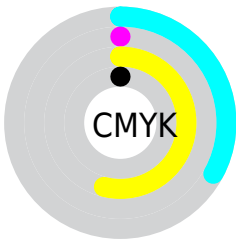
Distribution



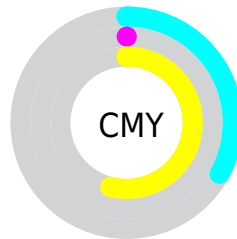
- Red (67%)
- Green (100%)
- Blue (46%)



- Red (46%)
- Yellow (100%)
- Blue (78%)



- Cyan (33%)
- Magenta (0%)
- Yellow (54%)
- Black (0%)



- Cyan (33%)
- Magenta (0%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.4510, -48.0433, -37.2295 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 214.4510, -48.0433, -37.2295 by changing the saturation by 10% instead.

■ 214.4510,
-48.0433, -37.2295

■ 214.4510,
-48.0433, -37.2295

255.0000, 0.0000,
0.0000

■ 185.6790,
-47.1697, -37.4295

■ 238.3620,
-32.7165, -6.4565

■ 157.7930,
-46.7329, -37.5295

■ 248.8440,
-23.5871, 5.3988

■ 129.2660,
-47.4591, -37.9443

■ 252.0360,
-11.3567, 2.5994

■ 100.6850,
-49.6377, -39.1887

■ 74.3600, -36.6595,
-48.5507

■ 53.4170, -26.3346,
-46.8467

■ 39.3290, -19.3892,

-34.4915

■ 26.4150, -13.0226,
-23.1660

■ 8.8050, -4.3409,
-7.7220

■ 214.4510,
-48.0433, -37.2295

■ 214.4510,
-48.0433, -37.2295

■ 207.0020,
-57.1890, -43.8518

■ 221.9000,
-38.8977, -30.6073

■ 199.3680,
-65.7504, -51.1887

■ 229.5340,
-30.3363, -23.2703

■ 191.9190,
-74.8961, -57.8110

■ 236.9830,
-21.1906, -16.6481

■ 184.5840,
-83.6049, -64.5332

■ 244.3180,
-12.4818, -9.9259

■ 180.1830,
-88.8302, -68.5665

■ 251.9520, -3.9203,
-2.5889

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.



223.1030, -70.0568, 23.5887



214.4510, -48.0433, -37.2295



172.4120, 4.2339, -145.0663

Triad

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



214.4510, -48.0433, -37.2295



178.1680, 37.8782, -156.2533



199.6160, 6.1053, 48.5718

Complementary

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



214.4510, -48.0433, -37.2295



157.5490, 48.0433, 37.2295

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.



209.2140, 22.5725, 40.1543



214.4510, -48.0433, -37.2295



208.5980, 22.8762, -57.5294

Square

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



214.4510, -48.0433, -37.2295



178.7550, 37.5888, -156.7681



225.0630, 14.7589, 26.2547



201.2560, -28.2272, 47.1335

Rectangle

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



214.4510, -48.0433, -37.2295



176.0190, 27.1056, -154.3687



225.0630, 14.7589, 26.2547



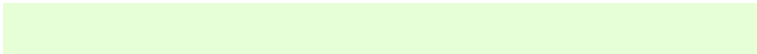
202.3520, 16.5885, 46.1723

Sweetspot

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



214.4510, -48.0433, -37.2295



242.8510, -14.2235, -11.2703



206.9830, -44.3616, 42.1109



120.6650, -8.7088, -6.7222



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.



214.4510, -48.0433, -37.2295



206.1760, -57.7678, -44.8814



199.6020, -33.8208, -72.4420



124.1260, -4.4991, -3.6185



134.8410, -66.4766, -51.6036



45.0430, -22.2062, -17.5777

Inverse Universe

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



157.5490, 48.0433, 37.2295



137.8240, 57.7678, 44.8814



172.3980, 33.8208, 72.4420



118.5750, 4.6465, 3.0037



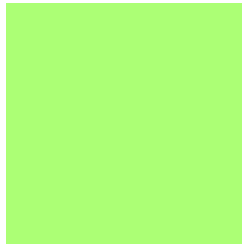
56.1590, 66.4766, 51.6036



18.6580, 22.3536, 16.9629

Previews

White Background



This preview shows how the YUV color 214.4510, -48.0433, -37.2295 looks on a white background.

Color Contrast Check

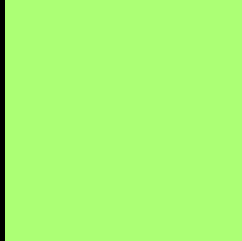
Large Text (above 18pt) WCAG AA × Fail

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 214.4510, -48.0433, -37.2295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

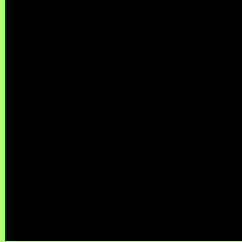
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

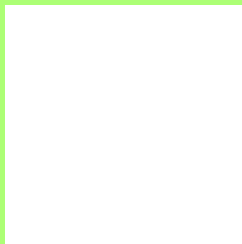
Any Text WCAG AAA ✓ Pass

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

YUV 214.4510, -48.0433, -37.2295 Background



This preview shows how black text looks on a background with the YUV color 214.4510, -48.0433, -37.2295.



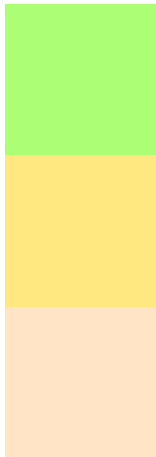
This preview shows how white text looks on a background with the YUV color 214.4510, -48.0433, -37.2295.

-37.2295.

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

214.4510, -48.0433, -37.2295

Protanopia

226.9070, -49.2542, 24.6376

Deuteranopia

232.5390, -17.5207, 19.6983



Tritanopia

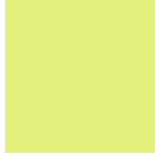
229.1630, 12.7376, -25.5760

Trichromacy



Original Color

214.4510, -48.0433, -37.2295



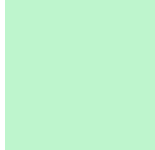
Protanomaly

222.1770, -48.8943, 2.4758



Deuteranomaly

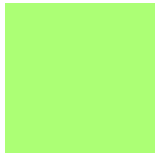
226.1330, -28.6596, -0.9936



Tritanomaly

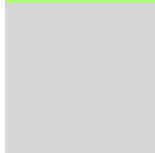
223.9950, -9.3645, -29.8136

Monochromacy



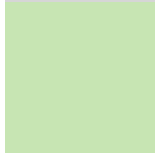
Original Color

214.4510, -48.0433, -37.2295



Achromatopsia

214.0000, 0.0000, 0.0000



Achromatomaly

214.3300, -17.4177, -13.4444

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.4510, -48.0433, -37.2295 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, 117)` looks like.

```
.text, #text, p{  
    color:rgb(172, 255, 117)  
}
```

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, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 255, 117) }
```

Border

The CSS property to change the border of an element to YUV 214.4510, -48.0433, -37.2295 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, 117) }
```


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

```
.border{ border-color:rgb(172, 255, 117) }
```

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, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 255, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 255, 117);  
box-shadow:4px 4px 4px 4px rgb(172, 255,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 214.4510, -48.0433, -37.2295 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, 117) }
```

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

```
.background{ background-color: rgb(172,  
255, 117) }
```

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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