

Converting Colors

YUV(214.4810, -36.7191,
-29.3628)

Have a look what the booklet for
YUV(214.4810, -36.7191, -29.3628)
contains.

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Color

**YUV(214.4810, -36.7191,
-29.3628)**

Conversions

Conversions Part 1

Format	Color
Hex	B5F68C
RGB	181, 246, 140
RGB Percent	71%, 96%, 55%
CMY	0.2902, 0.0353, 0.4510
CMYK	0.26, 0.00, 0.43, 0.04
HSL	97°, 85%, 76%
HSV	97°, 43%, 96%
XYZ	56.7454, 77.6287, 36.8040
YIQ	214.4810, -4.7140, -46.7460

Conversions

Conversions Part 2

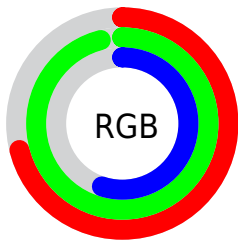
Format	Color
RYB	140, 246, 205
Decimal	11925132
CIELab	90.61, -38.51, 44.49
CIElCh	91, 58.843, 130.877
Yxy	77.6287, 0.3315, 0.4535
Android (android.graphics.Color)	4290115212 (0xFFB5F68C)
YUV	214.4810, -36.7191, -29.3628
Hunter-Lab	88.1072, -39.2246, 36.9085

Details

The YUV color **214.4810, -36.7191, -29.3628** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **171.5190, 36.7191, 29.3628**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.3760, -23.8494, -3.8378**, and **158.3500, -34.6825, -29.2479** is the 20% darker color. If you saturate the color by 10%, you get **207.1460, -45.4280, -36.0850**, and if you desaturate by 10%, it is **221.8160, -28.0103, -22.6406**.

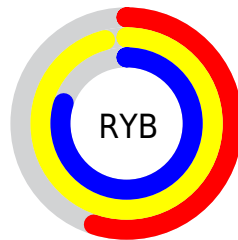
Distribution



Red (71%)

Green (96%)

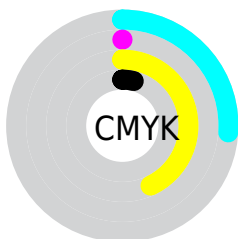
Blue (55%)



Red (55%)

Yellow (96%)

Blue (80%)

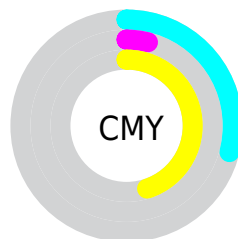


Cyan (26%)

Magenta (0%)

Yellow (43%)

Black (4%)



Cyan (29%)

Magenta (4%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.4810, -36.7191, -29.3628 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 214.4810, -36.7191, -29.3628 by changing the saturation by 10% instead.

■ 214.4810,
-36.7191, -29.3628

■ 214.4810,
-36.7191, -29.3628

255.0000, 0.0000,
0.0000

■ 186.1220,
-35.5561, -29.0480

■ 243.3760,
-23.8494, -3.8378

■ 158.3500,
-34.6825, -29.2479

■ 251.3520,
-13.9775, 3.1993

■ 131.4640,
-34.2458, -29.3479

■ 254.6580, -1.3104,
0.2999

■ 104.8770,
-33.9564, -28.8331

■ 78.2960, -36.1349,
-30.0776

■ 52.8850, -26.0723,
-37.6101

■ 35.8070, -17.6529,

-31.4027

■ 23.4800, -11.5756,
-20.5920

■ 2.3480, -1.1576,
-2.0592

■ 214.4810,
-36.7191, -29.3628

■ 214.4810,
-36.7191, -29.3628

■ 207.1460,
-45.4280, -36.0850

■ 221.8160,
-28.0103, -22.6406

■ 199.9250,
-53.7000, -42.9072

■ 229.0370,
-19.7382, -15.8184

■ 192.5900,
-62.4089, -49.6294

■ 236.3720,
-11.0294, -9.0962

■ 185.3690,
-70.6809, -56.4516

■ 243.5930, -2.7573,
-2.2741

■ 178.0340,
-79.3898, -63.1738

■ 249.7170, 2.6045,
4.6332

■ 172.8070,
-85.1939, -68.2367

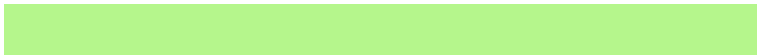
Harmonies

Analogous

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



221.8370, -53.1636, 18.5600



214.4810, -36.7191, -29.3628



201.1310, -5.9806, -88.6919

Triad

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



214.4810, -36.7191, -29.3628



172.2980, 40.7721, -151.1053



207.0190, 1.4696, 42.0793

Complementary

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



214.4810, -36.7191, -29.3628



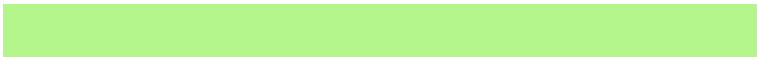
171.5190, 36.7191, 29.3628

Split Complementary

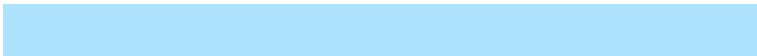
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215.0840, 19.6786, 35.0063



214.4810, -36.7191, -29.3628



214.0460, 20.1903, -35.9973

Square

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



214.4810, -36.7191, -29.3628



178.1680, 37.8782, -156.2533



225.6500, 14.4696, 25.7400



206.8470, -24.5746, 42.2302

Rectangle

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



214.4810, -36.7191, -29.3628



175.6770, 25.7952, -154.0687



225.6500, 14.4696, 25.7400



208.5980, 10.0582, 40.6946

Sweetspot

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



214.4810, -36.7191, -29.3628



245.2580, -11.4662, -8.9963



209.2620, -34.1462, 32.2192



121.7190, -7.2565, -5.8926



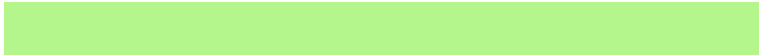
0.0000, 0.0000, 0.0000



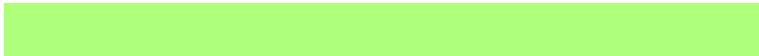
128.0000, 0.0000, 0.0000

Same Dimension

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



214.4810, -36.7191, -29.3628



215.6190, -46.1542, -36.4999



203.4760, -25.8707, -55.6685



118.5390, -4.2097, -3.1037



130.7100, -64.4400, -51.4887



41.5100, -20.4644, -16.2333

Inverse Universe

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



171.5190, 36.7191, 29.3628



161.6800, 46.0068, 37.1146



182.5240, 25.8707, 55.6685



113.7600, 4.0623, 3.7185



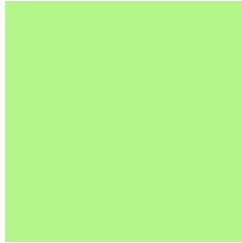
55.2900, 64.4400, 51.4887



17.4900, 20.4644, 16.2333

Previews

White Background



This preview shows how the YUV color 214.4810, -36.7191, -29.3628 looks on a white background.

Color Contrast Check

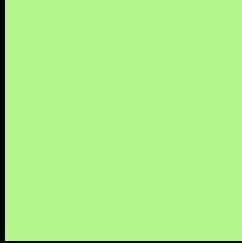
Large Text (above 18pt) WCAG AA × Fail

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 214.4810, -36.7191, -29.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

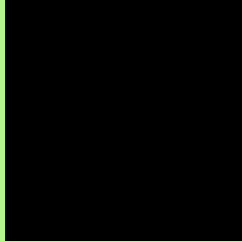
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

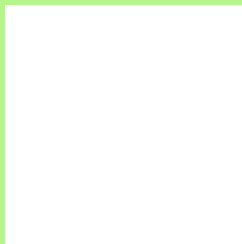
Any Text WCAG AAA ✓ Pass

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

YUV 214.4810, -36.7191, -29.3628 Background



This preview shows how black text looks on a background with the YUV color 214.4810, -36.7191, -29.3628.



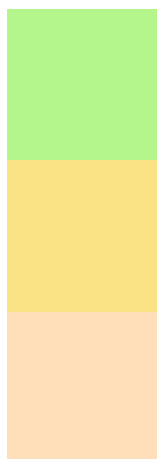
This preview shows how white text looks on a background with the YUV color 214.4810, -36.7191, -29.3628.

-29.3628.

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

214.4810, -36.7191, -29.3628

Protanopia

222.8620, -44.3020, 22.9230

Deuteranopia

227.7630, -20.5892, 23.8868



Tritanopia

224.7010, 13.4584, -23.4168

Trichromacy



Original Color

214.4810, -36.7191, -29.3628



Protanomaly

219.8380, -41.3321, 3.6501



Deuteranomaly

223.0350, -26.6393, 4.3543



Tritanomaly

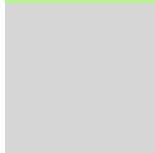
221.1680, -5.0128, -25.5803

Monochromacy



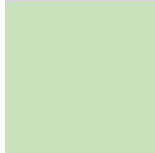
Original Color

214.4810, -36.7191, -29.3628



Achromatopsia

214.0000, 0.0000, 0.0000



Achromatomaly

214.3780, -13.4974, -10.8555

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.4810, -36.7191, -29.3628 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(181, 246, 140)` looks like.

```
.text, #text, p{  
    color:rgb(181, 246, 140)  
}
```

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(181, 246, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 246, 140) }
```

Border

The CSS property to change the border of an element to YUV 214.4810, -36.7191, -29.3628 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(181, 246, 140) }
```


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

```
.border{ border-color:rgb(181, 246, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 246, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 246, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 246, 140);  
box-shadow:4px 4px 4px 4px rgb(181, 246,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 214.4810, -36.7191, -29.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 246, 140) }
```

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

```
.background{ background-color: rgb(181,  
246, 140) }
```

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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