

Converting Colors

YUV(215.4810, -36.7191,
-29.3628)

Have a look what the booklet for
YUV(215.4810, -36.7191, -29.3628)
contains.

YUV(215.4810, -36.7191, -29.3628)	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(215.4810, -36.7191,
-29.3628)**

Conversions

Conversions Part 1

Format	Color
Hex	B6F78D
RGB	182, 247, 141
RGB Percent	71%, 97%, 55%
CMY	0.2863, 0.0314, 0.4471
CMYK	0.26, 0.00, 0.43, 0.03
HSL	97°, 87%, 76%
HSV	97°, 43%, 97%
XYZ	57.3599, 78.3897, 37.3068
YIQ	215.4810, -4.7140, -46.7460

Conversions

Conversions Part 2

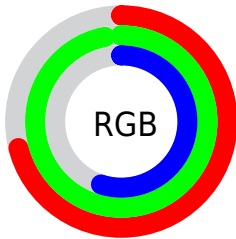
Format	Color
RYB	141, 247, 206
Decimal	11990925
CIELab	90.96, -38.49, 44.46
CIElCh	91, 58.806, 130.885
Yxy	78.3897, 0.3315, 0.4530
Android (android.graphics.Color)	4290181005 (0xFFB6F78D)
YUV	215.4810, -36.7191, -29.3628
Hunter-Lab	88.5380, -39.2991, 36.9938

Details

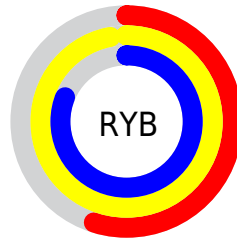
The YUV color **215.4810, -36.7191, -29.3628** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **172.5190, 36.7191, 29.3628**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.7890, -23.5600, -3.3230**, and **159.3500, -34.6825, -29.2479** is the 20% darker color. If you saturate the color by 10%, you get **208.1460, -45.4280, -36.0850**, and if you desaturate by 10%, it is **222.8160, -28.0103, -22.6406**.

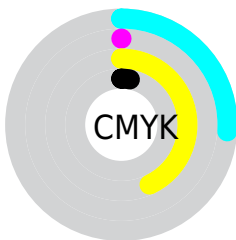
Distribution



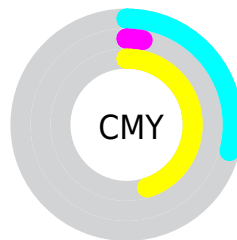
- Red (71%)
- Green (97%)
- Blue (55%)



- Red (55%)
- Yellow (97%)
- Blue (81%)



- Cyan (26%)
- Magenta (0%)
- Yellow (43%)
- Black (3%)



- Cyan (29%)
- Magenta (3%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.4810, -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 215.4810, -36.7191, -29.3628 by changing the saturation by 10% instead.

■ 215.4810,
-36.7191, -29.3628

■ 215.4810,
-36.7191, -29.3628

255.0000, 0.0000,
0.0000

■ 187.0080,
-35.9929, -28.9480

■ 243.7890,
-23.5600, -3.3230

■ 159.3500,
-34.6825, -29.2479

■ 251.4660,
-13.5407, 3.0993

■ 132.4640,
-34.2458, -29.3479

254.7720, -0.8736,
0.2000

■ 105.5780,
-33.8090, -29.4479

■ 79.2960, -36.1349,
-30.0776

■ 53.7710, -26.5091,
-37.5102

■ 36.3940, -17.9422,

-31.9175

■ 23.4800, -11.5756,
-20.5920

■ 4.1090, -2.0257,
-3.6036

■ 215.4810,
-36.7191, -29.3628

■ 215.4810,
-36.7191, -29.3628

■ 208.1460,
-45.4280, -36.0850

■ 222.8160,
-28.0103, -22.6406

■ 200.9250,
-53.7000, -42.9072

■ 230.0370,
-19.7382, -15.8184

■ 193.5900,
-62.4089, -49.6294

■ 237.3720,
-11.0294, -9.0962

■ 185.9560,
-70.9703, -56.9664

■ 245.0060, -2.4680,
-1.7593

■ 178.7350,
-79.2424, -63.7886

■ 250.3040, 2.3151,
4.1184

■ 173.6930,
-85.6306, -68.1368

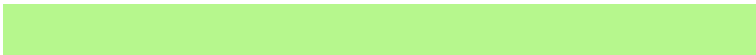
Harmonies

Analogous

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



222.8370, -53.1636, 18.5600



215.4810, -36.7191, -29.3628



201.8430, -5.8386, -87.5623

Triad

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



215.4810, -36.7191, -29.3628



172.8850, 40.4827, -151.6201



207.7200, 1.6170, 41.4646

Complementary

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



215.4810, -36.7191, -29.3628



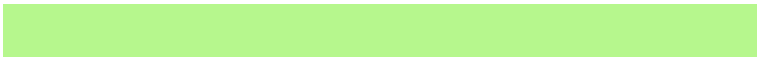
172.5190, 36.7191, 29.3628

Split Complementary

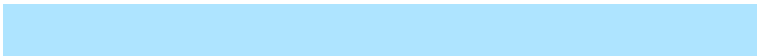
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215.6710, 19.3892, 34.4915



215.4810, -36.7191, -29.3628



214.9320, 19.7535, -35.8974

Square

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



215.4810, -36.7191, -29.3628



178.7550, 37.5888, -156.7681



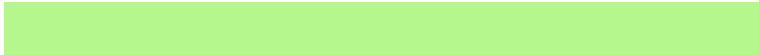
226.2370, 14.1802, 25.2252



208.1350, -24.7166, 41.1006

Rectangle

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



215.4810, -36.7191, -29.3628



175.7910, 26.2320, -154.1687



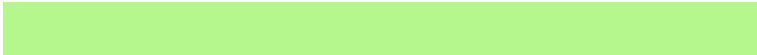
226.2370, 14.1802, 25.2252



209.2990, 10.2056, 40.0798

Sweetspot

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



215.4810, -36.7191, -29.3628



245.2580, -11.4662, -8.9963



210.2620, -34.1462, 32.2192



121.7190, -7.2565, -5.8926



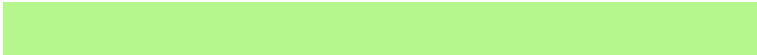
0.0000, 0.0000, 0.0000



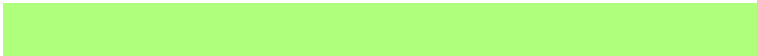
128.0000, 0.0000, 0.0000

Same Dimension

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



215.4810, -36.7191, -29.3628



216.2600, -44.9912, -36.1850



204.4760, -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.



172.5190, 36.7191, 29.3628



163.7400, 44.9912, 36.1850



183.5240, 25.8707, 55.6685



113.7600, 4.0623, 3.7185



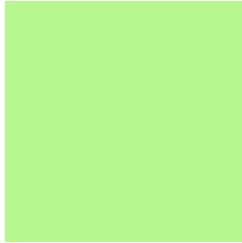
55.2900, 64.4400, 51.4887



17.4900, 20.4644, 16.2333

Previews

White Background



This preview shows how the YUV color 215.4810, -36.7191, -29.3628 looks on a white background.

Color Contrast Check

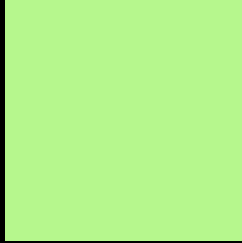
Large Text (above 18pt) WCAG AA × Fail

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 215.4810, -36.7191, -29.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

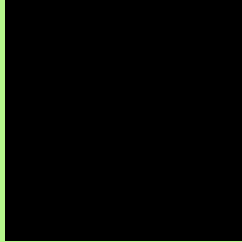
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

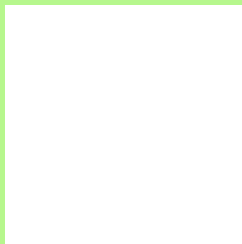
Any Text WCAG AAA ✓ Pass

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

YUV 215.4810, -36.7191, -29.3628 Background



This preview shows how black text looks on a background with the YUV color 215.4810, -36.7191, -29.3628.



This preview shows how white text looks on a background with the YUV color 215.4810, -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

215.4810, -36.7191, -29.3628

Protanopia

223.8620, -44.3020, 22.9230

Deuteranopia

228.6920, -19.5682, 23.0721



Tritanopia

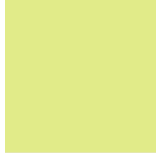
225.7010, 13.4584, -23.4168

Trichromacy



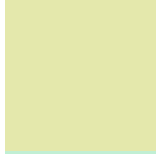
Original Color

215.4810, -36.7191, -29.3628



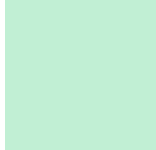
Protanomaly

220.8380, -41.3321, 3.6501



Deuteranomaly

223.9640, -25.6183, 3.5396



Tritanomaly

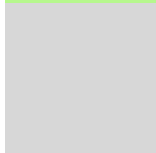
222.1680, -5.0128, -25.5803

Monochromacy



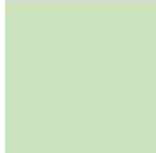
Original Color

215.4810, -36.7191, -29.3628



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

215.3780, -13.4974, -10.8555

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.4810, -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(182, 247, 141)` looks like.

```
.text, #text, p{  
    color:rgb(182, 247, 141)  
}
```

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(182, 247, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 247, 141) }
```

Border

The CSS property to change the border of an element to YUV 215.4810, -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(182, 247, 141) }
```


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

```
.border{ border-color:rgb(182, 247, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 247, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 247, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 247, 141);  
box-shadow:4px 4px 4px 4px rgb(182, 247,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 215.4810, -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(182, 247, 141) }
```

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

```
.background{ background-color: rgb(182,  
247, 141) }
```

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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