

Converting Colors

YUV(215.6810, -29.9157,
-18.1372)

Have a look what the booklet for
YUV(215.6810, -29.9157, -18.1372)
contains.

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Color

**YUV(215.6810, -29.9157,
-18.1372)**

Conversions

Conversions Part 1

Format	Color
Hex	C3EE9B
RGB	195, 238, 155
RGB Percent	76%, 93%, 61%
CMY	0.2353, 0.0667, 0.3922
CMYK	0.18, 0.00, 0.35, 0.07
HSL	91°, 71%, 77%
HSV	91°, 35%, 93%
XYZ	58.9966, 75.1177, 42.4001
YIQ	215.6810, 1.0150, -34.9290

Conversions

Conversions Part 2

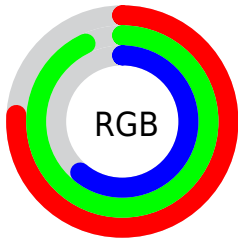
Format	Color
RYB	155, 238, 198
Decimal	12840603
CIELab	89.45, -28.00, 35.76
CIELCh	89, 45.419, 128.067
Yxy	75.1177, 0.3342, 0.4256
Android (android.graphics.Color)	4291030683 (0xFFC3EE9B)
YUV	215.6810, -29.9157, -18.1372
Hunter-Lab	86.6705, -30.1684, 31.6641

Details

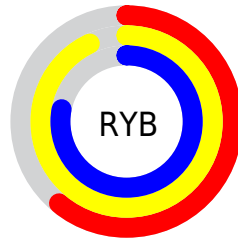
The YUV color **215.6810, -29.9157, -18.1372** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **177.3190, 29.9157, 18.1372**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.9730, -19.2137, 2.6547**, and **160.4360, -28.3159, -17.9224** is the 20% darker color. If you saturate the color by 10%, you get **209.3570, -38.6300, -23.1151**, and if you desaturate by 10%, it is **222.0050, -21.2015, -13.1594**.

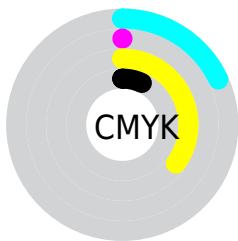
Distribution



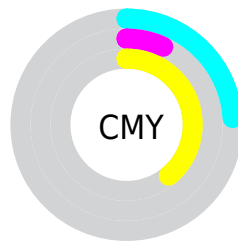
- Red (76%)
- Green (93%)
- Blue (61%)



- Red (61%)
- Yellow (93%)
- Blue (78%)



- Cyan (18%)
- Magenta (0%)
- Yellow (35%)
- Black (7%)



- Cyan (24%)
- Magenta (7%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.6810, -29.9157, -18.1372 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 215.6810, -29.9157, -18.1372 by changing the saturation by 10% instead.

■ 215.6810,
-29.9157, -18.1372

■ 215.6810,
-29.9157, -18.1372

255.0000, 0.0000,
0.0000

■ 187.7950,
-29.4789, -18.2372

■ 248.9730,
-19.2137, 2.6547

■ 160.4360,
-28.3159, -17.9224

■ 253.1760, -6.9888,
1.5996

■ 133.9630,
-27.5898, -17.5076

■ 108.0770,
-27.1530, -17.6075

■ 82.6040, -26.4268,
-17.1927

■ 57.7780, -27.0056,
-18.2223

■ 36.7590, -18.1222,

-20.8366

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 215.6810,
-29.9157, -18.1372

■ 215.6810,
-29.9157, -18.1372

■ 209.3570,
-38.6300, -23.1151

■ 222.0050,
-21.2015, -13.1594

■ 202.7340,
-47.1969, -28.7077

■ 228.6280,
-12.6346, -7.5668

■ 196.5240,
-55.4743, -33.7855

■ 234.8380, -4.3571,
-2.4889

■ 190.2000,
-64.1886, -38.7634

■ 241.1620, 4.3571,
2.4889

■ 183.5770,
-72.7555, -44.3560

■ 245.0210, 4.9196,
8.7516

■ 177.2530,
-81.4697, -49.3339

■ 174.0910,
-85.8269, -51.8228

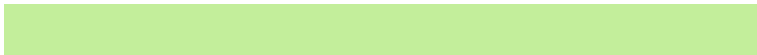
Harmonies

Analogous

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



220.7520, -40.7967, 18.6345



215.6810, -29.9157, -18.1372



208.6340, -8.6936, -58.4380

Triad

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



215.6810, -29.9157, -18.1372



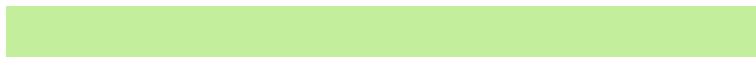
200.7690, 26.7359, -82.2354



212.8720, 1.0491, 36.9463

Complementary

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



215.6810, -29.9157, -18.1372



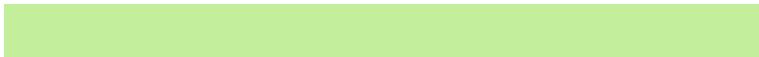
177.3190, 29.9157, 18.1372

Split Complementary

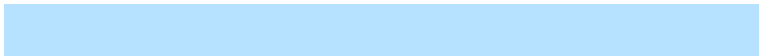
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220.3670, 17.0741, 30.3731



215.6810, -29.9157, -18.1372



215.5630, 19.4424, -29.4348

Square

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



215.6810, -29.9157, -18.1372



187.5250, 33.2652, -123.2404



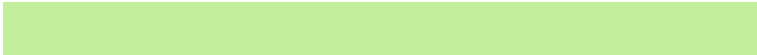
225.0080, 14.7861, 17.5330



211.6060, -19.0328, 38.0565

Rectangle

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



215.6810, -29.9157, -18.1372



201.4530, 9.1437, -86.3433



225.0080, 14.7861, 17.5330



214.4680, 7.1643, 35.5466

Sweetspot

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



215.6810, -29.9157, -18.1372



248.2630, -9.0037, -5.4927



205.0580, -24.6786, 28.8901



123.7840, -5.8095, -3.3186



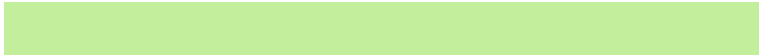
0.0000, 0.0000, 0.0000



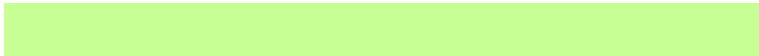
128.0000, 0.0000, 0.0000

Same Dimension

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



215.6810, -29.9157, -18.1372



226.3570, -38.6300, -23.1151



203.8350, -23.5827, -42.8283



116.8380, -4.3571, -2.4889



134.3200, -66.2198, -40.6226



40.9450, -20.1859, -12.2298

Inverse Universe

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



177.3190, 29.9157, 18.1372



176.6430, 38.6300, 23.1151



189.1650, 23.5827, 42.8283



111.1620, 4.3571, 2.4889



49.3810, 66.3672, 40.0079



15.0550, 20.1859, 12.2298

Previews

White Background



This preview shows how the YUV color 215.6810, -29.9157, -18.1372 looks on a white background.

Color Contrast Check

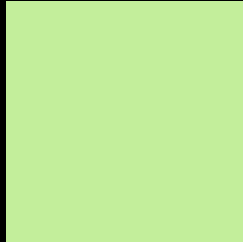
Large Text (above 18pt) WCAG AA × Fail

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 215.6810, -29.9157, -18.1372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

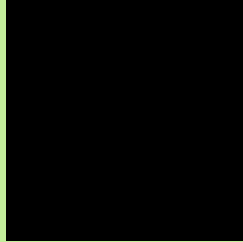
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

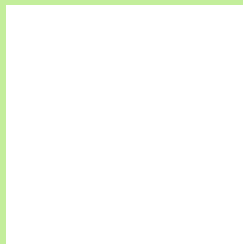
Any Text WCAG AAA ✓ Pass

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

YUV 215.6810, -29.9157, -18.1372 Background



This preview shows how black text looks on a background with the YUV color 215.6810, -29.9157, -18.1372.



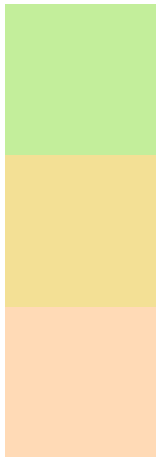
This preview shows how white text looks on a background with the YUV color 215.6810, -29.9157, -18.1372.

-18.1372.

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

215.6810, -29.9157, -18.1372

Protanopia

221.1310, -35.5606, 19.1791

Deuteranopia

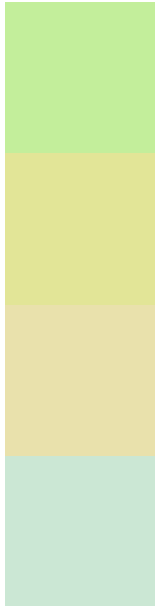
224.9590, -21.1788, 26.3460



Tritanopia

223.3710, 10.6631, -13.4804

Trichromacy



Original Color

215.6810, -29.9157, -18.1372

Protanomaly

219.2110, -33.6280, 5.9540

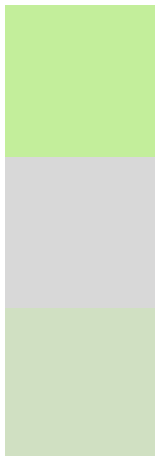
Deuteranomaly

221.3500, -24.3295, 10.2171

Tritanomaly

220.4620, -4.1718, -15.3142

Monochromacy



Original Color

215.6810, -29.9157, -18.1372

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.7960, -10.7454, -6.8371

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.6810, -29.9157, -18.1372 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(195, 238, 155)` looks like.

```
.text, #text, p{  
    color:rgb(195, 238, 155)  
}
```

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(195, 238, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 238, 155) }
```

Border

The CSS property to change the border of an element to YUV 215.6810, -29.9157, -18.1372 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(195, 238, 155) }
```


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

```
.border{ border-color:rgb(195, 238, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 238, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 238, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 238, 155);  
box-shadow:4px 4px 4px 4px rgb(195, 238,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 215.6810, -29.9157, -18.1372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 238, 155) }
```

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

```
.background{ background-color: rgb(195,  
238, 155) }
```

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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