

Converting Colors

YUV(215.8490, -28.0266,
-17.4076)

Have a look what the booklet for
YUV(215.8490, -28.0266, -17.4076)
contains.

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Color

**YUV(215.8490, -28.0266,
-17.4076)**

Conversions

Conversions Part 1

Format	Color
Hex	C4ED9F
RGB	196, 237, 159
RGB Percent	77%, 93%, 62%
CMY	0.2314, 0.0706, 0.3765
CMYK	0.17, 0.00, 0.33, 0.07
HSL	92°, 68%, 78%
HSV	92°, 33%, 93%
XYZ	59.3071, 74.8073, 44.1143
YIQ	215.8490, 0.6020, -32.9500

Conversions

Conversions Part 2

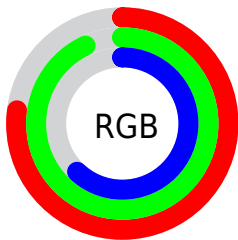
Format	Color
RYB	159, 237, 200
Decimal	12905887
CIELab	89.30, -26.63, 33.56
CIELCh	89, 42.846, 128.428
Yxy	74.8073, 0.3328, 0.4197
Android (android.graphics.Color)	4291095967 (0xFFC4ED9F)
YUV	215.8490, -28.0266, -17.4076
Hunter-Lab	86.4912, -28.9620, 30.3034

Details

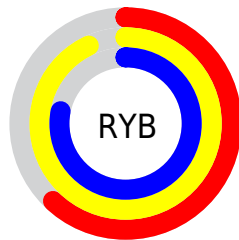
The YUV color **215.8490, -28.0266, -17.4076** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **180.1510, 28.0266, 17.4076**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.7280, -17.6139, 2.8695**, and **160.6040, -26.4268, -17.1927** is the 20% darker color. If you saturate the color by 10%, you get **209.5250, -36.7408, -22.3854**, and if you desaturate by 10%, it is **222.1730, -19.3123, -12.4297**.

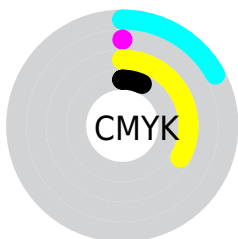
Distribution



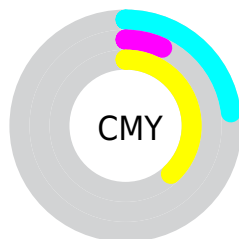
- Red (77%)
- Green (93%)
- Blue (62%)



- Red (62%)
- Yellow (93%)
- Blue (78%)



- Cyan (17%)
- Magenta (0%)
- Yellow (33%)
- Black (7%)



- Cyan (23%)
- Magenta (7%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.8490, -28.0266, -17.4076 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 215.8490, -28.0266, -17.4076 by changing the saturation by 10% instead.

■ 215.8490,
-28.0266, -17.4076

■ 215.8490,
-28.0266, -17.4076

255.0000, 0.0000,
0.0000

■ 187.9630,
-27.5898, -17.5076

■ 249.7280,
-17.6139, 2.8695

■ 160.6040,
-26.4268, -17.1927

■ 253.6320, -5.2416,
1.1997

■ 134.1310,
-25.7006, -16.7779

■ 108.3590,
-24.8270, -16.9778

■ 83.4730, -24.3902,
-17.0778

■ 58.4730, -24.3902,
-17.0778

■ 37.3680, -18.4224,

-17.8627

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 215.8490,
-28.0266, -17.4076

■ 215.8490,
-28.0266, -17.4076

■ 209.5250,
-36.7408, -22.3854

■ 222.1730,
-19.3123, -12.4297

■ 203.0160,
-44.8709, -28.0780

■ 228.6820,
-11.1822, -6.7371

■ 196.6920,
-53.5852, -33.0559

■ 235.0060, -2.4680,
-1.7593

■ 190.0690,
-62.1520, -38.6485

■ 241.6290, 6.0989,
3.8334

■ 183.7450,
-70.8663, -43.6264

■ 244.4340, 5.2090,
9.2664

■ 177.2360,
-78.9963, -49.3190

■ 172.6070,
-85.0953, -53.1523

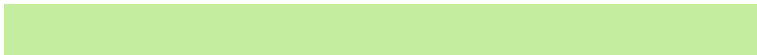
Harmonies

Analogous

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



221.0230, -38.4653, 17.5198



215.8490, -28.0266, -17.4076



209.1830, -7.9782, -54.5345

Triad

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



215.8490, -28.0266, -17.4076



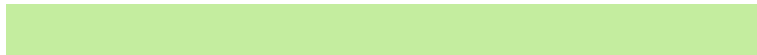
203.7700, 25.2564, -74.3433



213.9320, 0.0335, 36.0166

Complementary

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



215.8490, -28.0266, -17.4076



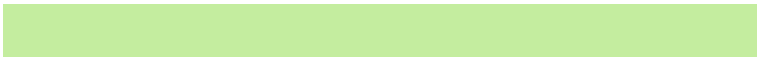
180.1510, 28.0266, 17.4076

Split Complementary

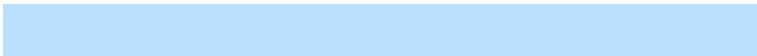
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220.9540, 16.7847, 29.8583



215.8490, -28.0266, -17.4076



216.1720, 19.1422, -26.4608

Square

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



215.8490, -28.0266, -17.4076



194.4240, 29.8640, -105.6118



225.2960, 14.6441, 16.4034



213.0080, -18.7379, 36.8270

Rectangle

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



215.8490, -28.0266, -17.4076



203.0840, 8.8326, -79.8807



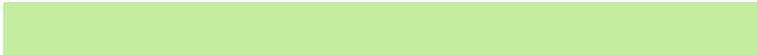
225.2960, 14.6441, 16.4034



215.5280, 6.1487, 34.6169

Sweetspot

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



215.8490, -28.0266, -17.4076



248.2630, -9.0037, -5.4927



205.8020, -23.0734, 27.3606



123.4850, -5.6621, -3.9333



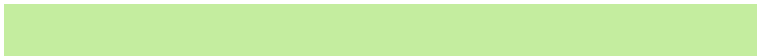
0.0000, 0.0000, 0.0000



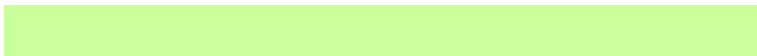
128.0000, 0.0000, 0.0000

Same Dimension

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



215.8490, -28.0266, -17.4076



228.1660, -35.5778, -22.0706



204.9000, -22.1357, -40.2543



113.9520, -3.9203, -2.5889



131.9610, -65.0568, -40.3078



39.1730, -19.3123, -12.4297

Inverse Universe

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



180.1510, 28.0266, 17.4076



182.8340, 35.5778, 22.0706



191.1000, 22.1357, 40.2543



109.0480, 3.9203, 2.5889



49.0390, 65.0568, 40.3078



14.5280, 19.4597, 11.8149

Previews

White Background



This preview shows how the YUV color 215.8490, -28.0266, -17.4076 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 215.8490, -28.0266, -17.4076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

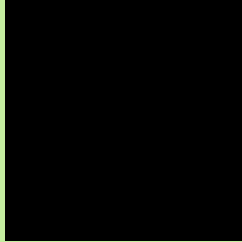
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

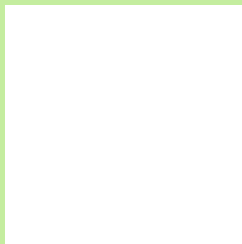
Any Text WCAG AAA ✓ Pass

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

YUV 215.8490, -28.0266, -17.4076 Background



This preview shows how black text looks on a background with the YUV color 215.8490, -28.0266, -17.4076.



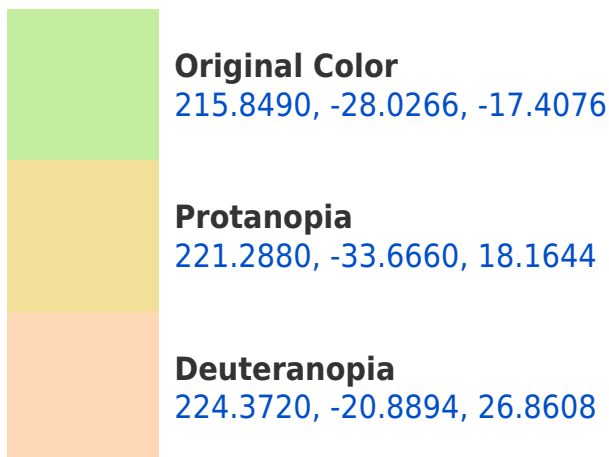
This preview shows how white text looks on a background with the YUV color 215.8490, -28.0266, -17.4076.

-17.4076.

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





Tritanopia

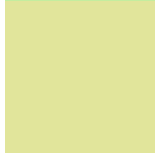
222.9690, 10.3683, -12.2508

Trichromacy



Original Color

215.8490, -28.0266, -17.4076



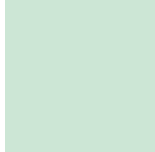
Protanomaly

219.3680, -31.7334, 4.9393



Deuteranomaly

221.2900, -23.3140, 11.1467



Tritanomaly

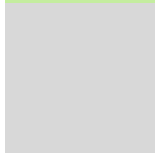
220.2880, -3.5930, -14.2846

Monochromacy



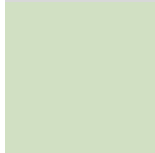
Original Color

215.8490, -28.0266, -17.4076



Achromatopsia

216.0000, 0.0000, 0.0000



Achromatomaly

216.2090, -10.4560, -6.3223

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.8490, -28.0266, -17.4076 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(196, 237, 159)` looks like.

```
.text, #text, p{  
    color:rgb(196, 237, 159)  
}
```

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(196, 237, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 237, 159) }
```

Border

The CSS property to change the border of an element to YUV 215.8490, -28.0266, -17.4076 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(196, 237, 159) }
```


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

```
.border{ border-color:rgb(196, 237, 159) }
```

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

Here you see how a box with a 4 pixel rgb(196, 237, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 237, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 237, 159);  
box-shadow:4px 4px 4px 4px rgb(196, 237,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 215.8490, -28.0266, -17.4076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 237, 159) }
```

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

```
.background{ background-color: rgb(196,  
237, 159) }
```

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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