

Converting Colors

YUV(222.2850, -32.6785,
-18.6669)

Have a look what the booklet for
YUV(222.2850, -32.6785, -18.6669)
contains.

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Color

**YUV(222.2850, -32.6785,
-18.6669)**

Conversions

Conversions Part 1

Format	Color
Hex	C9F69C
RGB	201, 246, 156
RGB Percent	79%, 96%, 61%
CMY	0.2118, 0.0353, 0.3882
CMYK	0.18, 0.00, 0.37, 0.04
HSL	90°, 83%, 79%
HSV	90°, 37%, 96%
XYZ	63.0439, 80.7293, 43.7120
YIQ	222.2850, 2.0700, -37.5300

Conversions

Conversions Part 2

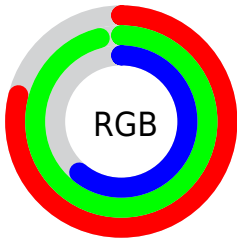
Format	Color
RYB	156, 246, 201
Decimal	13235868
CIELab	92.01, -29.51, 38.69
CIELCh	92, 48.658, 127.340
Yxy	80.7293, 0.3363, 0.4306
Android (android.graphics.Color)	4291425948 (0xFFC9F69C)
YUV	222.2850, -32.6785, -18.6669
Hunter-Lab	89.8495, -31.9901, 34.0499

Details

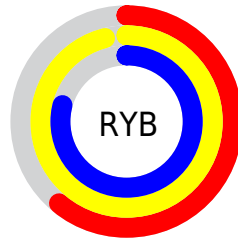
The YUV color **222.2850, -32.6785, -18.6669** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **179.7150, 32.6785, 18.6669**, and the grayscale version is **223.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.9840, -19.2191, 4.3990**, and **166.9260, -31.5155, -18.3521** is the 20% darker color. If you saturate the color by 10%, you get **215.8470, -41.8296, -23.5448**, and if you desaturate by 10%, it is **228.7230, -23.5274, -13.7891**.

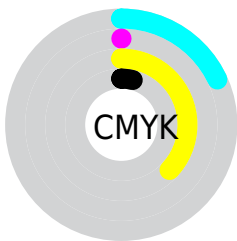
Distribution



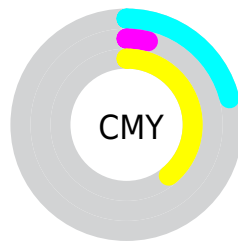
- Red (79%)
- Green (96%)
- Blue (61%)



- Red (61%)
- Yellow (96%)
- Blue (79%)



- Cyan (18%)
- Magenta (0%)
- Yellow (37%)
- Black (4%)



- Cyan (21%)
- Magenta (4%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.2850, -32.6785, -18.6669 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 222.2850, -32.6785, -18.6669 by changing the saturation by 10% instead.

■ 222.2850,
-32.6785, -18.6669

■ 222.2850,
-32.6785, -18.6669

255.0000, 0.0000,
0.0000

■ 193.8120,
-31.9523, -18.2521

■ 249.9840,
-19.2191, 4.3990

■ 166.9260,
-31.5155, -18.3521

■ 253.2900, -6.5520,
1.4997

■ 139.5670,
-30.3525, -18.0373

■ 113.7950,
-29.4789, -18.2372

■ 87.9090, -29.0421,
-18.3372

■ 63.1540, -30.6419,
-18.5521

■ 41.4770, -20.4482,

-21.4663

■ 23.4800, -11.5756,
-20.5920

■ 7.6310, -3.7621,
-6.6924

■ 222.2850,
-32.6785, -18.6669

■ 222.2850,
-32.6785, -18.6669

■ 215.8470,
-41.8296, -23.5448

■ 228.7230,
-23.5274, -13.7891

■ 209.2240,
-50.3964, -29.1374

■ 235.3460,
-14.9606, -8.1964

■ 202.7860,
-59.5475, -34.0153

■ 241.7840, -5.8095,
-3.3186

■ 196.4620,
-68.2618, -38.9932

■ 248.1080, 2.9048,
1.6593

■ 189.7250,
-77.2654, -44.4858

■ 249.7170, 2.6045,
4.6332

■ 183.2870,
-86.4165, -49.3637

■ 181.1790,
-89.3212, -51.0230

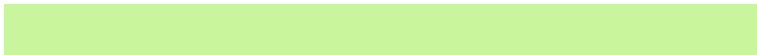
Harmonies

Analogous

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



227.8510, -44.2965, 21.1787



222.2850, -32.6785, -18.6669



214.0850, -9.4089, -62.3415

Triad

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



222.2850, -32.6785, -18.6669



203.0620, 25.6054, -93.0164



216.0180, 2.9491, 34.1872

Complementary

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



222.2850, -32.6785, -18.6669



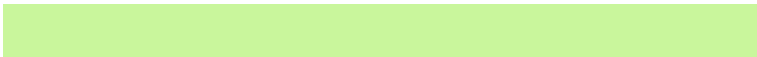
179.7150, 32.6785, 18.6669

Split Complementary

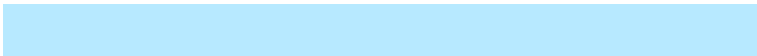
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.3020, 15.6271, 27.7991



222.2850, -32.6785, -18.6669



220.5580, 16.9799, -32.9384

Square

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



222.2850, -32.6785, -18.6669



178.7550, 37.5888, -156.7681



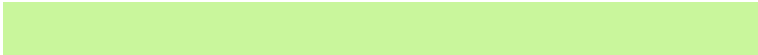
231.2100, 11.7285, 18.2328



215.1110, -18.2957, 34.9827

Rectangle

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



222.2850, -32.6785, -18.6669



204.7510, 10.4758, -93.6206



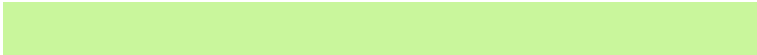
231.2100, 11.7285, 18.2328



218.4290, 9.6485, 32.0728

Sweetspot

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



222.2850, -32.6785, -18.6669



247.6220, -10.1666, -5.8075



209.3250, -26.2892, 32.1640



123.3710, -6.0989, -3.8334



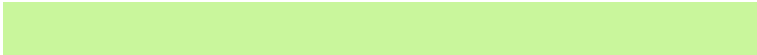
0.0000, 0.0000, 0.0000



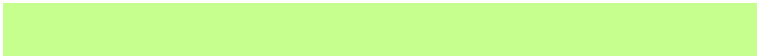
128.0000, 0.0000, 0.0000

Same Dimension

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



222.2850, -32.6785, -18.6669



225.4880, -40.6666, -23.2300



208.8300, -26.0452, -46.3319



118.8380, -4.3571, -2.4889



136.9890, -67.5356, -38.5784



43.3040, -21.3489, -12.5446

Inverse Universe

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



179.7150, 32.6785, 18.6669



172.5120, 40.6666, 23.2300



193.1700, 26.0452, 46.3319



113.1620, 4.3571, 2.4889



49.0110, 67.5356, 38.5784



15.3970, 21.4963, 11.9298

Previews

White Background



This preview shows how the YUV color 222.2850, -32.6785, -18.6669 looks on a white background.

Color Contrast Check

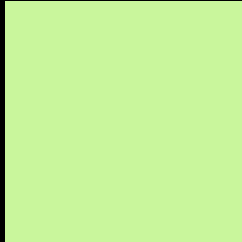
Large Text (above 18pt) WCAG AA × Fail

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 222.2850, -32.6785, -18.6669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

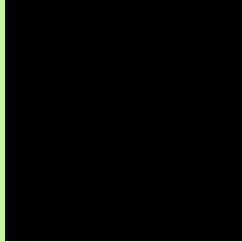
Any Text WCAG AA ✓ Pass

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 222.2850, -32.6785, -18.6669 Background



This preview shows how black text looks on a background with the YUV color 222.2850, -32.6785, -18.6669.



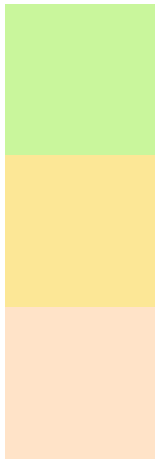
This preview shows how white text looks on a background with the YUV color 222.2850, -32.6785, -18.6669.

-18.6669.

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

222.2850, -32.6785, -18.6669

Protanopia

228.0450, -38.4762, 21.0085

Deuteranopia

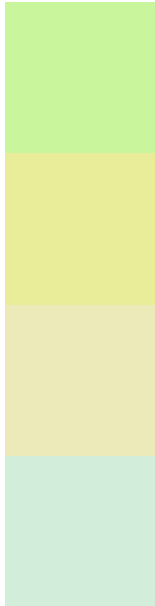
232.2940, -15.9209, 19.9132



Tritanopia

230.4850, 11.0999, -13.5803

Trichromacy



Original Color

222.2850, -32.6785, -18.6669

Protanomaly

225.5270, -36.2488, 6.5538

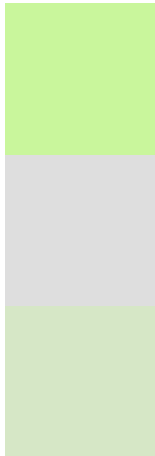
Deuteranomaly

228.5990, -21.9873, 5.6137

Tritanomaly

227.3480, -4.6086, -15.2142

Monochromacy



Original Color

222.2850, -32.6785, -18.6669

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

222.1550, -11.9084, -7.1519

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.2850, -32.6785, -18.6669 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(201, 246, 156)` looks like.

```
.text, #text, p{  
    color:rgb(201, 246, 156)  
}
```

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(201, 246, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 246, 156) }
```

Border

The CSS property to change the border of an element to YUV 222.2850, -32.6785, -18.6669 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(201, 246, 156) }
```


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

```
.border{ border-color:rgb(201, 246, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 246, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 246, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 246, 156);  
box-shadow:4px 4px 4px 4px rgb(201, 246,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 222.2850, -32.6785, -18.6669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 246, 156) }
```

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

```
.background{ background-color: rgb(201,  
246, 156) }
```

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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