

Converting Colors

YUV(220.4980, -35.7415,
-16.2227)

Have a look what the booklet for
YUV(220.4980, -35.7415, -16.2227)
contains.

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Color

**YUV(220.4980, -35.7415,
-16.2227)**

Conversions

Conversions Part 1

Format	Color
Hex	CAF494
RGB	202, 244, 148
RGB Percent	79%, 96%, 58%
CMY	0.2078, 0.0431, 0.4196
CMYK	0.17, 0.00, 0.39, 0.04
HSL	86°, 81%, 77%
HSV	86°, 39%, 96%
XYZ	62.0531, 79.3960, 40.0714
YIQ	220.4980, 5.7840, -38.7600

Conversions

Conversions Part 2

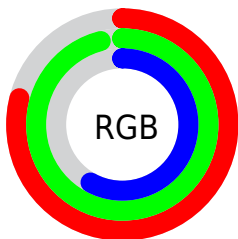
Format	Color
RYB	148, 244, 190
Decimal	13300884
CIELab	91.41, -29.23, 41.87
CIELCh	91, 51.065, 124.921
Yxy	79.3960, 0.3419, 0.4374
Android (android.graphics.Color)	4291490964 (0xFFCAF494)
YUV	220.4980, -35.7415, -16.2227
Hunter-Lab	89.1045, -31.6239, 35.7097

Details

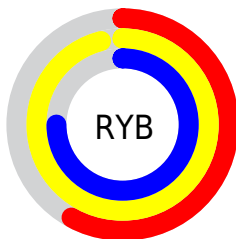
The YUV color $220.4980, -35.7415, -16.2227$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $171.5020, 35.7415, 16.2227$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.0720, -22.7135, 5.1989$, and $164.9540, -33.9943, -16.6227$ is the 20% darker color. If you saturate the color by 10%, you get $214.4730, -44.6032, -20.5858$, and if you desaturate by 10%, it is $226.5230, -26.8798, -11.8597$.

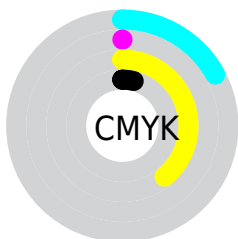
Distribution



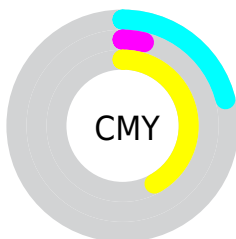
- Red (79%)
- Green (96%)
- Blue (58%)



- Red (58%)
- Yellow (96%)
- Blue (75%)



- Cyan (17%)
- Magenta (0%)
- Yellow (39%)
- Black (4%)



- Cyan (21%)
- Magenta (4%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.4980, -35.7415, -16.2227 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 220.4980, -35.7415, -16.2227 by changing the saturation by 10% instead.

■ 220.4980,
-35.7415, -16.2227

■ 220.4980,
-35.7415, -16.2227

255.0000, 0.0000,
0.0000

■ 192.0250,
-35.0153, -15.8079

■ 249.0720,
-22.7135, 5.1989

■ 164.9540,
-33.9943, -16.6227

■ 252.3780,
-10.0464, 2.2995

■ 138.3670,
-33.7049, -16.1079

■ 111.5950,
-32.8313, -16.3078

■ 86.4810, -33.2681,
-16.2078

■ 61.8660, -30.4999,
-17.4225

■ 40.5910, -20.0114,

-21.5663

■ 22.8930, -11.2862,
-20.0772

■ 5.8700, -2.8939,
-5.1480

■ 220.4980,
-35.7415, -16.2227

■ 220.4980,
-35.7415, -16.2227

■ 214.4730,
-44.6032, -20.5858

■ 226.5230,
-26.8798, -11.8597

■ 208.6330,
-54.0491, -24.2341

■ 232.3630,
-17.4340, -8.2114

■ 202.6080,
-62.9107, -28.5972

■ 238.3880, -8.5723,
-3.8483

■ 196.4690,
-72.2092, -32.8603

■ 244.5270, 0.7262,
0.4148

■ 190.7430,
-81.2183, -36.6086

■ 248.5430, 3.1833,
5.6628

■ 184.7180,
-90.0800, -40.9717

■ 184.1910,
-90.8062, -41.3865

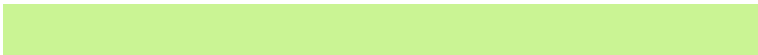
Harmonies

Analogous

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



225.8900, -46.7808, 24.6525



220.4980, -35.7415, -16.2227



211.9880, -12.3191, -62.2565

Triad

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



220.4980, -35.7415, -16.2227



194.0920, 30.0276, -111.4597



213.8980, 4.9803, 36.0465

Complementary

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



220.4980, -35.7415, -16.2227



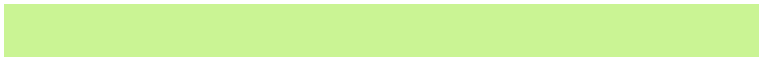
171.5020, 35.7415, 16.2227

Split Complementary

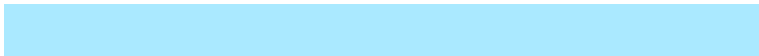
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



221.5410, 16.4953, 29.3435



220.4980, -35.7415, -16.2227



216.6710, 18.8962, -40.9305

Square

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



220.4980, -35.7415, -16.2227



178.1680, 37.8782, -156.2533



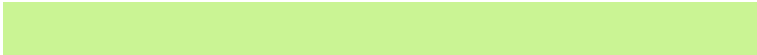
228.8290, 12.9023, 15.0590



212.6490, -17.5750, 37.1418

Rectangle

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



220.4980, -35.7415, -16.2227



201.9740, 8.8868, -97.3242



228.8290, 12.9023, 15.0590



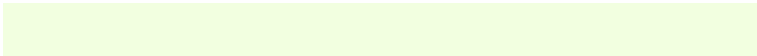
216.4230, 12.1165, 33.8320

Sweetspot

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



220.4980, -35.7415, -16.2227



247.5790, -11.6244, -4.8928



201.3580, -26.3055, 37.3970



123.5560, -6.6831, -3.1186



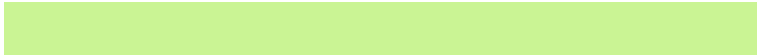
0.0000, 0.0000, 0.0000



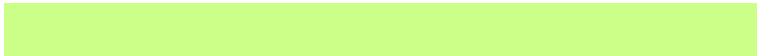
128.0000, 0.0000, 0.0000

Same Dimension

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



220.4980, -35.7415, -16.2227



225.7720, -44.7506, -19.9710



206.1460, -28.6660, -45.7320



119.1370, -4.5045, -1.8741



140.5770, -69.3045, -31.2010



44.5000, -21.9385, -10.0855

Inverse Universe

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



171.5020, 35.7415, 16.2227



164.5270, 44.6032, 20.5858



185.8540, 28.6660, 45.7320



113.1620, 4.3571, 2.4889



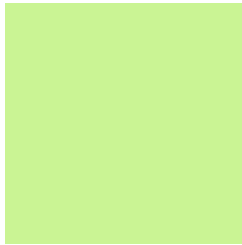
45.4230, 69.3045, 31.2010



14.5000, 21.9385, 10.0855

Previews

White Background



This preview shows how the YUV color 220.4980, -35.7415, -16.2227 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 220.4980, -35.7415, -16.2227 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

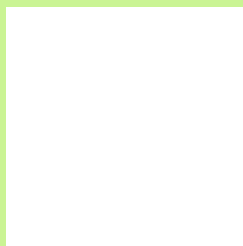
Any Text WCAG AAA ✓ Pass

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

YUV 220.4980, -35.7415, -16.2227 Background



This preview shows how black text looks on a background with the YUV color 220.4980, -35.7415, -16.2227.



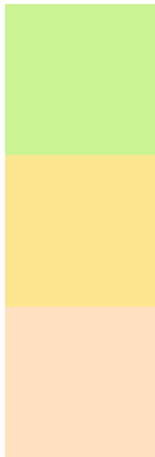
This preview shows how white text looks on a background with the YUV color 220.4980, -35.7415, -16.2227.

-16.2227.

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

220.4980, -35.7415, -16.2227

Protanopia

226.3610, -41.0970, 21.6084

Deuteranopia

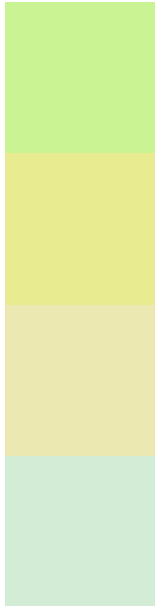
230.4360, -17.9629, 21.5426



Tritanopia

229.2680, 10.2209, -11.6360

Trichromacy



Original Color

220.4980, -35.7415, -16.2227

Protanomaly

224.1420, -39.0170, 7.7685

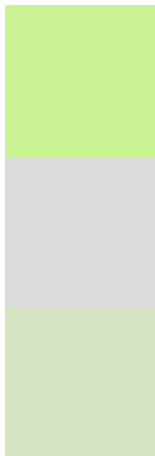
Deuteranomaly

226.9260, -24.6135, 7.9579

Tritanomaly

225.9030, -6.3612, -13.0699

Monochromacy



Original Color

220.4980, -35.7415, -16.2227

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.2260, -12.9294, -6.3372

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.4980, -35.7415, -16.2227 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(202, 244, 148)` looks like.

```
.text, #text, p{  
    color:rgb(202, 244, 148)  
}
```

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(202, 244, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 244, 148) }
```

Border

The CSS property to change the border of an element to YUV 220.4980, -35.7415, -16.2227 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(202, 244, 148) }
```


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

```
.border{ border-color:rgb(202, 244, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 244, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 244, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 244, 148);  
box-shadow:4px 4px 4px 4px rgb(202, 244,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 220.4980, -35.7415, -16.2227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 244, 148) }
```

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

```
.background{ background-color: rgb(202,  
244, 148) }
```

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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