

Converting Colors

YUV(217.9340, -40.3935,
-17.4821)

Have a look what the booklet for
YUV(217.9340, -40.3935, -17.4821)
contains.

YUV(217.9340, -40.3935, -17.4821)	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(217.9340, -40.3935,
-17.4821)**

Conversions

Conversions Part 1

Format	Color
Hex	C6F488
RGB	198, 244, 136
RGB Percent	78%, 96%, 53%
CMY	0.2235, 0.0431, 0.4667
CMYK	0.19, 0.00, 0.44, 0.04
HSL	86°, 83%, 75%
HSV	86°, 44%, 96%
XYZ	60.0833, 78.4847, 35.2749
YIQ	217.9340, 7.2520, -43.3400

Conversions

Conversions Part 2

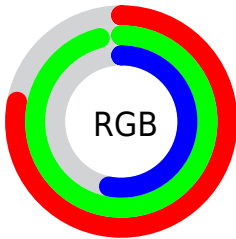
Format	Color
RYB	136, 244, 182
Decimal	13038728
CIELab	91.00, -32.09, 47.12
CIELCh	91, 57.013, 124.257
Yxy	78.4847, 0.3456, 0.4515
Android (android.graphics.Color)	4291228808 (0xFFC6F488)
YUV	217.9340, -40.3935, -17.4821
Hunter-Lab	88.5916, -33.9756, 38.4064

Details

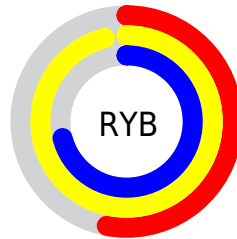
The YUV color **217.9340, -40.3935, -17.4821** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **162.0660, 40.3935, 17.4821**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.7040, -27.9551, 6.3986**, and **162.3900, -38.6463, -17.8820** is the 20% darker color. If you saturate the color by 10%, you get **212.2080, -49.4025, -21.2304**, and if you desaturate by 10%, it is **223.6600, -31.3844, -13.7338**.

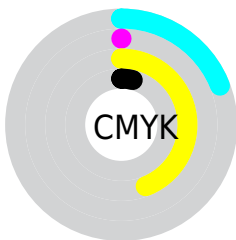
Distribution



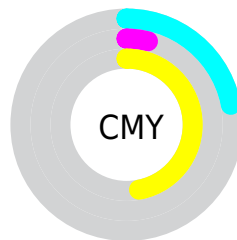
- Red (78%)
- Green (96%)
- Blue (53%)



- Red (53%)
- Yellow (96%)
- Blue (71%)



- Cyan (19%)
- Magenta (0%)
- Yellow (44%)
- Black (4%)



- Cyan (22%)
- Magenta (4%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.9340, -40.3935, -17.4821 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 217.9340, -40.3935, -17.4821 by changing the saturation by 10% instead.

■ 217.9340,
-40.3935, -17.4821

■ 217.9340,
-40.3935, -17.4821

255.0000, 0.0000,
0.0000

■ 189.4610,
-39.6673, -17.0673

■ 247.7040,
-27.9551, 6.3986

■ 162.3900,
-38.6463, -17.8820

■ 250.8960,
-15.7247, 3.5992

■ 134.9170,
-37.9201, -17.4672

■ 254.2020, -3.0576,
0.6998

■ 108.8030,
-38.3569, -17.3672

■ 82.5210, -40.6829,
-17.9969

■ 60.0720, -29.6155,
-21.1111

■ 36.1170, -17.8057,

-29.0436

■ 22.8930, -11.2862,
-20.0772

■ 4.1090, -2.0257,
-3.6036

■ 217.9340,
-40.3935, -17.4821

■ 217.9340,
-40.3935, -17.4821

■ 212.2080,
-49.4025, -21.2304

■ 223.6600,
-31.3844, -13.7338

■ 206.0690,
-58.7010, -25.4935

■ 229.7990,
-22.0859, -9.4707

■ 200.3430,
-67.7101, -29.2418

■ 235.5250,
-13.0768, -5.7224

■ 194.2040,
-77.0086, -33.5049

■ 241.6640, -3.7784,
-1.4593

■ 188.4780,
-86.0177, -37.2532

■ 247.0480, 3.9203,
2.5889

■ 185.0880,
-91.2484, -39.5422

■ 248.5430, 3.1833,
5.6628

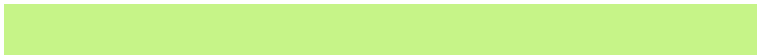
Harmonies

Analogous

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



224.0060, -52.7540, 27.1817



217.9340, -40.3935, -17.4821



207.5910, -13.6024, -70.6783

Triad

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



217.9340, -40.3935, -17.4821



174.0590, 39.9039, -152.6497



209.6750, 6.5692, 39.7500

Complementary

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



217.9340, -40.3935, -17.4821



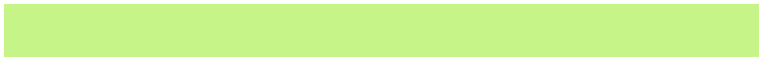
162.0660, 40.3935, 17.4821

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.



218.6060, 17.9422, 31.9175



217.9340, -40.3935, -17.4821



211.3000, 21.5441, -50.2521

Square

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



217.9340, -40.3935, -17.4821



178.7550, 37.5888, -156.7681



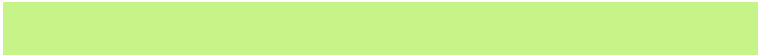
226.4700, 14.0653, 15.3738



208.4430, -18.4594, 40.8305

Rectangle

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



217.9340, -40.3935, -17.4821



190.4550, 12.5937, -119.6710



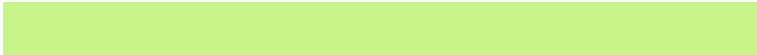
226.4700, 14.0653, 15.3738



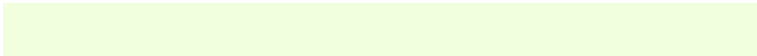
212.4280, 14.5790, 37.3356

Sweetspot

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



217.9340, -40.3935, -17.4821



247.0520, -12.3506, -5.3076



194.7070, -28.9426, 43.2300



122.9150, -7.8461, -3.4335



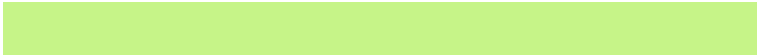
0.0000, 0.0000, 0.0000



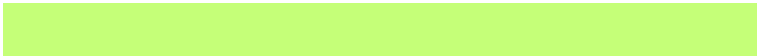
128.0000, 0.0000, 0.0000

Same Dimension

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



217.9340, -40.3935, -17.4821



222.2680, -50.4181, -22.1600



202.0870, -32.5809, -50.0653



119.1370, -4.5045, -1.8741



141.1750, -69.5993, -29.9715



44.7990, -22.0859, -9.4707

Inverse Universe

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



162.0660, 40.3935, 17.4821



152.4330, 50.5655, 21.5453



177.9130, 32.5809, 50.0653



112.8630, 4.5045, 1.8741



44.8250, 69.5993, 29.9715



14.2010, 22.0859, 9.4707

Previews

White Background



This preview shows how the YUV color 217.9340, -40.3935, -17.4821 looks on a white background.

Color Contrast Check

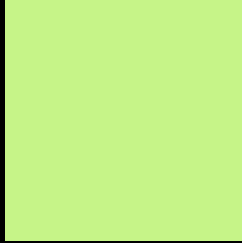
Large Text (above 18pt) WCAG AA × Fail

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 217.9340, -40.3935, -17.4821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

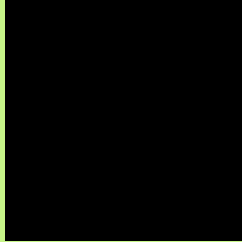
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

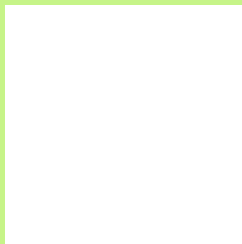
Any Text WCAG AAA ✓ Pass

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

YUV 217.9340, -40.3935, -17.4821 Background



This preview shows how black text looks on a background with the YUV color 217.9340, -40.3935, -17.4821.



This preview shows how white text looks on a background with the YUV color 217.9340, -40.3935, -17.4821.

-17.4821.

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

217.9340, -40.3935, -17.4821

Protanopia

224.2920, -46.4860, 23.4229

Deuteranopia

228.6920, -19.5682, 23.0721



Tritanopia

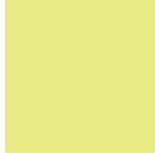
227.9690, 10.3683, -12.2508

Trichromacy



Original Color

217.9340, -40.3935, -17.4821



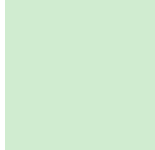
Protanomaly

221.7740, -44.2586, 8.9682



Deuteranomaly

224.9430, -27.0869, 7.9430



Tritanomaly

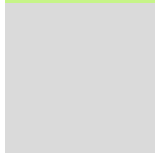
224.4360, -8.1029, -14.4144

Monochromacy



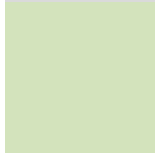
Original Color

217.9340, -40.3935, -17.4821



Achromatopsia

218.0000, 0.0000, 0.0000



Achromatomaly

217.7700, -14.6766, -5.9373

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.9340, -40.3935, -17.4821 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(198, 244, 136)` looks like.

```
.text, #text, p{  
    color:rgb(198, 244, 136)  
}
```

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(198, 244, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 244, 136) }
```

Border

The CSS property to change the border of an element to YUV 217.9340, -40.3935, -17.4821 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(198, 244, 136) }
```


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

```
.border{ border-color:rgb(198, 244, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 244, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 244, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 244, 136);  
box-shadow:4px 4px 4px 4px rgb(198, 244,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 217.9340, -40.3935, -17.4821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 244, 136) }
```

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

```
.background{ background-color: rgb(198,  
244, 136) }
```

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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