

Converting Colors

YUV(222.8080, -35.8943,
-13.8636)

Have a look what the booklet for
YUV(222.8080, -35.8943, -13.8636)
contains.

YUV(222.8080, -35.8943, -13.8636)	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(222.8080, -35.8943,
-13.8636)**

Conversions

Conversions Part 1

Format	Color
Hex	CFF596
RGB	207, 245, 150
RGB Percent	81%, 96%, 59%
CMY	0.1882, 0.0392, 0.4118
CMYK	0.16, 0.00, 0.39, 0.04
HSL	84°, 83%, 77%
HSV	84°, 39%, 96%
XYZ	63.8896, 80.7722, 41.0774
YIQ	222.8080, 7.8470, -37.6010

Conversions

Conversions Part 2

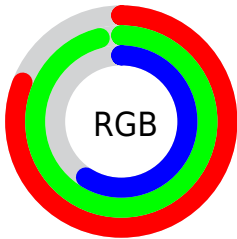
Format	Color
RYB	150, 245, 188
Decimal	13628822
CIELab	92.03, -27.65, 41.74
CIElCh	92, 50.074, 123.523
Yxy	80.7722, 0.3440, 0.4349
Android (android.graphics.Color)	4291818902 (0xFFCFF596)
YUV	222.8080, -35.8943, -13.8636
Hunter-Lab	89.8734, -30.3856, 35.8123

Details

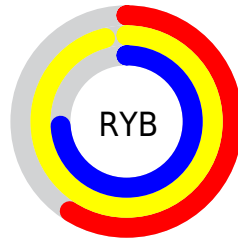
The YUV color **222.8080, -35.8943, -13.8636** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **172.1920, 35.8943, 13.8636**, and the grayscale version is **223.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.3000, -21.8399, 4.9989**, and **167.2640, -34.1472, -14.2635** is the 20% darker color. If you saturate the color by 10%, you get **216.9680, -45.3402, -17.5119**, and if you desaturate by 10%, it is **228.6480, -26.4485, -10.2153**.

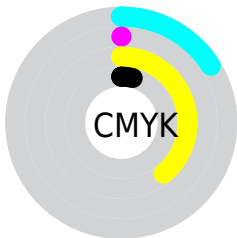
Distribution



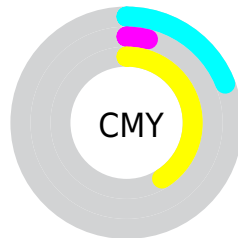
- Red (81%)
- Green (96%)
- Blue (59%)



- Red (59%)
- Yellow (96%)
- Blue (74%)



- Cyan (16%)
- Magenta (0%)
- Yellow (39%)
- Black (4%)



- Cyan (19%)
- Magenta (4%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.8080, -35.8943, -13.8636 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 222.8080, -35.8943, -13.8636 by changing the saturation by 10% instead.

■ 222.8080,
-35.8943, -13.8636

■ 222.8080,
-35.8943, -13.8636

255.0000, 0.0000,
0.0000

■ 194.3350,
-35.1682, -13.4488

■ 249.3000,
-21.8399, 4.9989

■ 167.2640,
-34.1472, -14.2635

■ 252.6060, -9.1728,
2.0995

■ 139.7910,
-33.4210, -13.8487

■ 113.9050,
-32.9842, -13.9487

■ 88.4920, -33.2736,
-14.4635

■ 63.9480, -31.5264,
-14.8634

■ 42.9720, -21.1852,

-18.3924

■ 22.8930, -11.2862,
-20.0772

■ 8.2180, -4.0515,
-7.2072

■ 222.8080,
-35.8943, -13.8636

■ 222.8080,
-35.8943, -13.8636

■ 216.9680,
-45.3402, -17.5119

■ 228.6480,
-26.4485, -10.2153

■ 211.2420,
-54.3493, -21.2602

■ 234.3740,
-17.4394, -6.4670

■ 205.8150,
-63.5058, -24.3938

■ 239.9150, -7.8461,
-3.4335

■ 199.9750,
-72.9517, -28.0421

■ 245.6410, 1.1630,
0.3148

■ 194.2490,
-81.9608, -31.7904

■ 249.1300, 2.8939,
5.1480

■ 188.4090,
-91.4066, -35.4387

■ 187.7680,
-92.5696, -35.7535

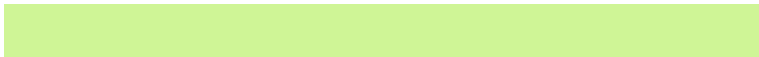
Harmonies

Analogous

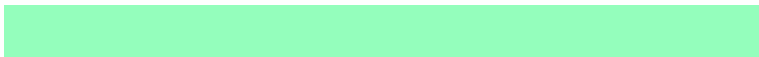
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.2320, -45.4704, 24.3525



222.8080, -35.8943, -13.8636



214.7820, -13.2035, -58.5678

Triad

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



222.8080, -35.8943, -13.8636



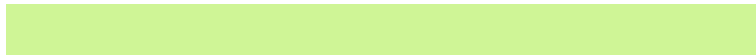
196.7720, 28.7064, -107.6710



216.1150, 5.8593, 34.1021

Complementary

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



222.8080, -35.8943, -13.8636



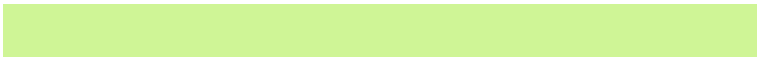
172.1920, 35.8943, 13.8636

Split Complementary

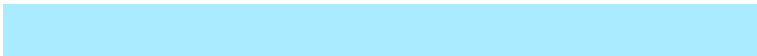
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.3020, 15.6271, 27.7991



222.8080, -35.8943, -13.8636



217.8450, 18.3174, -41.9601

Square

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



222.8080, -35.8943, -13.8636



178.7550, 37.5888, -156.7681



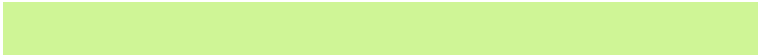
230.2910, 12.1815, 12.8998



214.2790, -16.4065, 35.7123

Rectangle

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



222.8080, -35.8943, -13.8636



204.9640, 7.4127, -91.1764



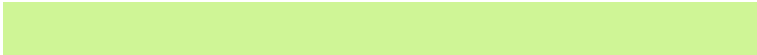
230.2910, 12.1815, 12.8998



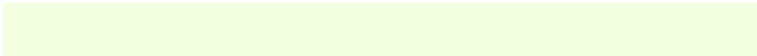
218.6400, 12.9955, 31.8877

Sweetspot

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



222.8080, -35.8943, -13.8636



247.8780, -11.7719, -4.2780



200.7110, -25.0005, 38.8415



123.5560, -6.6831, -3.1186



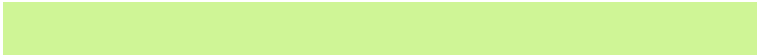
0.0000, 0.0000, 0.0000



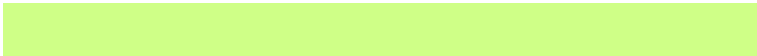
128.0000, 0.0000, 0.0000

Same Dimension

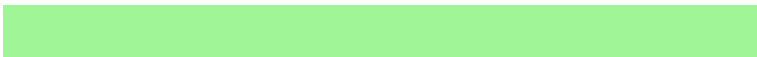
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.8080, -35.8943, -13.8636



226.9680, -45.3402, -17.5119



208.7550, -28.9662, -42.7581



119.4360, -4.6519, -1.2594



142.6700, -70.3363, -26.8976



45.0980, -22.2333, -8.8559

Inverse Universe

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



172.1920, 35.8943, 13.8636



163.0320, 45.3402, 17.5119



186.5440, 28.8188, 43.3729



112.8630, 4.5045, 1.8741



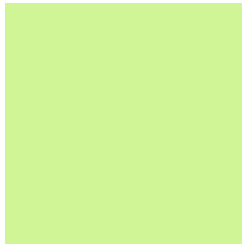
43.3300, 70.3363, 26.8976



13.6030, 22.3807, 8.2412

Previews

White Background



This preview shows how the YUV color 222.8080, -35.8943, -13.8636 looks on a white background.

Color Contrast Check

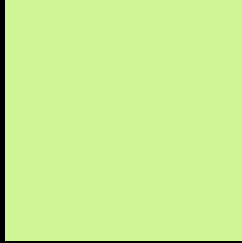
Large Text (above 18pt) WCAG AA × Fail

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 222.8080, -35.8943, -13.8636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

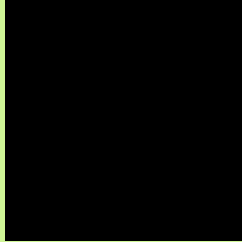
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

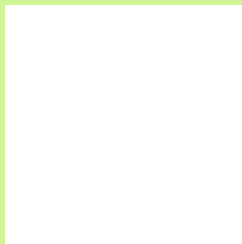
Any Text WCAG AAA ✓ Pass

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

YUV 222.8080, -35.8943, -13.8636 Background



This preview shows how black text looks on a background with the YUV color 222.8080, -35.8943, -13.8636.



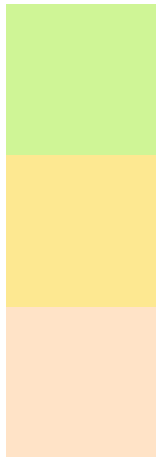
This preview shows how white text looks on a background with the YUV color 222.8080, -35.8943, -13.8636.

-13.8636.

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

222.8080, -35.8943, -13.8636

Protanopia

228.3610, -41.0970, 21.6084

Deuteranopia

232.1800, -16.3577, 20.0131



Tritanopia

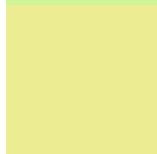
231.4640, 9.6312, -9.1769

Trichromacy



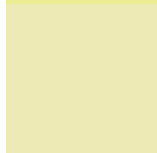
Original Color

222.8080, -35.8943, -13.8636



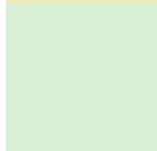
Protanomaly

226.4410, -39.1644, 8.3832



Deuteranomaly

229.1540, -23.7399, 7.7579



Tritanomaly

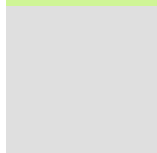
228.0990, -6.9508, -10.6108

Monochromacy



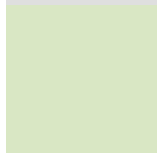
Original Color

222.8080, -35.8943, -13.8636



Achromatopsia

223.0000, 0.0000, 0.0000



Achromatomaly

222.8240, -13.2242, -5.1076

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.8080, -35.8943, -13.8636 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(207, 245, 150)` looks like.

```
.text, #text, p{  
    color:rgb(207, 245, 150)  
}
```

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(207, 245, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 245, 150) }
```

Border

The CSS property to change the border of an element to YUV 222.8080, -35.8943, -13.8636 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(207, 245, 150) }
```


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

```
.border{ border-color:rgb(207, 245, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 245, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 245, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 245, 150);  
box-shadow:4px 4px 4px 4px rgb(207, 245,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 222.8080, -35.8943, -13.8636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 245, 150) }
```

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

```
.background{ background-color: rgb(207,  
245, 150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor