

Converting Colors

YUV(217.8240, -33.4372,
-8.6156)

Have a look what the booklet for
YUV(217.8240, -33.4372, -8.6156)
contains.

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Color

**YUV(217.8240, -33.4372,
-8.6156)**

Conversions

Conversions Part 1

Format	Color
Hex	D0EC96
RGB	208, 236, 150
RGB Percent	82%, 93%, 59%
CMY	0.1843, 0.0745, 0.4118
CMYK	0.12, 0.00, 0.36, 0.07
HSL	80°, 69%, 76%
HSV	80°, 36%, 93%
XYZ	61.5129, 75.6028, 40.2049
YIQ	217.8240, 10.9180, -32.6820

Conversions

Conversions Part 2

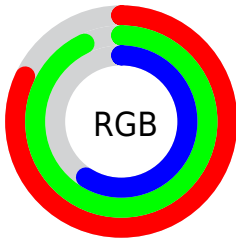
Format	Color
RYB	150, 236, 178
Decimal	13692054
CIELab	89.67, -23.00, 38.71
CIELCh	90, 45.031, 120.716
Yxy	75.6028, 0.3469, 0.4264
Android (android.graphics.Color)	4291882134 (0xFFD0EC96)
YUV	217.8240, -33.4372, -8.6156
Hunter-Lab	86.9499, -25.8820, 33.4497

Details

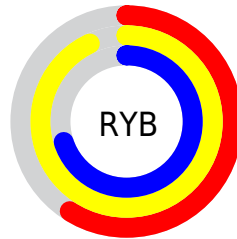
The YUV color **217.8240, -33.4372, -8.6156** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **168.1760, 33.4372, 8.6156**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.3000, -21.8399, 4.9989**, and **162.2800, -31.6900, -9.0156** is the 20% darker color. If you saturate the color by 10%, you get **212.6960, -42.7411, -11.1344**, and if you desaturate by 10%, it is **222.9520, -24.1333, -6.0969**.

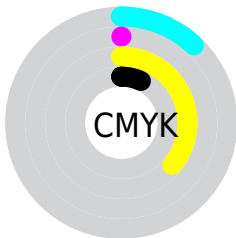
Distribution



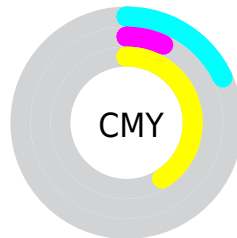
- Red (82%)
- Green (93%)
- Blue (59%)



- Red (59%)
- Yellow (93%)
- Blue (70%)



- Cyan (12%)
- Magenta (0%)
- Yellow (36%)
- Black (7%)



- Cyan (18%)
- Magenta (7%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.8240, -33.4372, -8.6156 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 217.8240, -33.4372, -8.6156 by changing the saturation by 10% instead.

■ 217.8240,
-33.4372, -8.6156

■ 217.8240,
-33.4372, -8.6156

255.0000, 0.0000,
0.0000

■ 190.0520,
-32.5636, -8.8156

■ 249.3000,
-21.8399, 4.9989

■ 162.2800,
-31.6900, -9.0156

■ 252.6060, -9.1728,
2.0995

■ 135.8070,
-30.9639, -8.6007

■ 109.9210,
-30.5271, -8.7007

■ 84.6220, -30.3796,
-9.3155

■ 60.7360, -29.9428,
-9.4155

■ 40.0590, -19.7491,

-12.3297

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 217.8240,
-33.4372, -8.6156

■ 217.8240,
-33.4372, -8.6156

■ 212.6960,
-42.7411, -11.1344

■ 222.9520,
-24.1333, -6.0969

■ 207.9810,
-51.7556, -13.1383

■ 227.6670,
-15.1188, -4.0930

■ 202.8530,
-61.0595, -15.6571

■ 232.7950, -5.8149,
-1.5742

■ 197.8390,
-69.9266, -18.2758

■ 237.8090, 3.0522,
1.0445

■ 193.0100,
-79.3779, -20.1798

■ 241.1560, 6.8251,
4.2482

■ 187.8820,
-88.6818, -22.6985

■ 243.5480, 5.6458,
9.1664

■ 186.0730,
-91.7340, -23.7430

■ 243.8470, 5.4984,
9.7812

Harmonies

Analogous

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



222.3940, -41.1132, 26.8415



217.8240, -33.4372, -8.6156



211.5060, -14.5465, -47.8018

Triad

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



217.8240, -33.4372, -8.6156



198.0450, 28.0788, -93.0015



214.7130, 5.5645, 35.3317

Complementary

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



217.8240, -33.4372, -8.6156



168.1760, 33.4372, 8.6156

Split Complementary

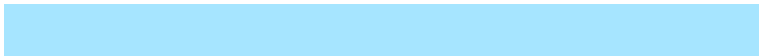
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.1280, 16.2059, 28.8287



217.8240, -33.4372, -8.6156



213.1270, 20.6434, -41.3304

Square

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



217.8240, -33.4372, -8.6156



189.9060, 32.0913, -120.0666



224.0560, 15.2554, 6.9669



212.2730, -13.9386, 37.4716

Rectangle

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



217.8240, -33.4372, -8.6156



205.0970, 2.4172, -75.5071



224.0560, 15.2554, 6.9669



217.0100, 11.8271, 33.3172

Sweetspot

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



217.8240, -33.4372, -8.6156



249.1170, -10.9037, -2.7336



191.5630, -20.4906, 38.9712



124.2680, -6.5411, -1.9890



0.0000, 0.0000, 0.0000



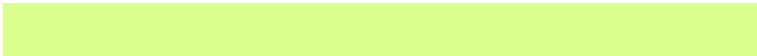
128.0000, 0.0000, 0.0000

Same Dimension

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



217.8240, -33.4372, -8.6156



231.1690, -43.4673, -11.5492



205.2660, -27.2461, -34.4363



114.5500, -4.2152, -1.3594



142.7250, -70.3634, -18.1758



42.4620, -20.9338, -5.6672

Inverse Universe

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



168.1760, 33.4372, 8.6156



166.5320, 43.6147, 10.9344



180.7340, 27.2461, 34.4363



108.1510, 4.3626, 0.7446



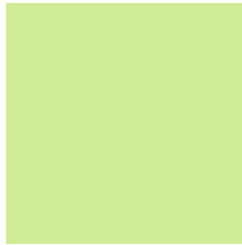
38.2750, 70.3634, 18.1758



11.2390, 21.0812, 5.0524

Previews

White Background



This preview shows how the YUV color 217.8240, -33.4372, -8.6156 looks on a white background.

Color Contrast Check

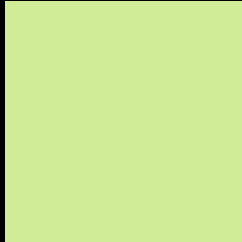
Large Text (above 18pt) WCAG AA × Fail

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 217.8240, -33.4372, -8.6156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

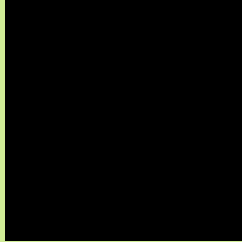
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.8240, -33.4372, -8.6156

Background



This preview shows how black text looks on a background with the YUV color 217.8240, -33.4372, -8.6156.



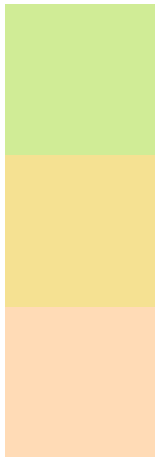
This preview shows how white text looks on a background with the YUV color 217.8240, -33.4372, -8.6156.

-8.6156.

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**

217.8240, -33.4372, -8.6156

Protanopia

221.9740, -37.4552, 20.1938

Deuteranopia

225.5460, -21.4682, 25.8312



Tritanopia

225.4430, 8.1626, -4.7735

Trichromacy



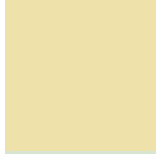
Original Color

217.8240, -33.4372, -8.6156



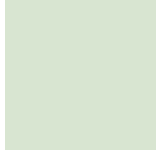
Protanomaly

220.5490, -36.2597, 10.0425



Deuteranomaly

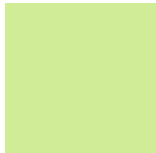
222.6170, -25.9402, 13.4909



Tritanomaly

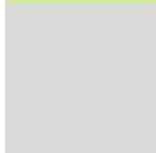
222.8330, -6.8197, -5.9925

Monochromacy



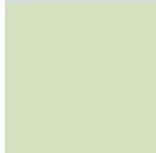
Original Color

217.8240, -33.4372, -8.6156



Achromatopsia

218.0000, 0.0000, 0.0000



Achromatomaly

218.0630, -12.3561, -3.5633

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.8240, -33.4372, -8.6156 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(208, 236, 150)` looks like.

```
.text, #text, p{  
    color:rgb(208, 236, 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(208, 236, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 236, 150) }
```

Border

The CSS property to change the border of an element to YUV 217.8240, -33.4372, -8.6156 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(208, 236, 150) }
```


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

```
.border{ border-color:rgb(208, 236, 150) }
```

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

Here you see how a box with a 4 pixel rgb(208, 236, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 236, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 236, 150);  
box-shadow:4px 4px 4px 4px rgb(208, 236,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 217.8240, -33.4372, -8.6156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 236, 150) }
```

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

```
.background{ background-color: rgb(208,  
236, 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](#).

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