

Converting Colors

YUV(215.8200, -33.9283,
8.9279)

Have a look what the booklet for
YUV(215.8200, -33.9283, 8.9279)
contains.

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Color

**YUV(215.8200, -33.9283,
8.9279)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E093
RGB	226, 224, 147
RGB Percent	89%, 88%, 58%
CMY	0.1137, 0.1216, 0.4235
CMYK	0.00, 0.01, 0.35, 0.11
HSL	58°, 58%, 73%
HSV	58°, 35%, 89%
XYZ	63.2861, 71.5866, 38.0858
YIQ	215.8200, 25.9090, -23.5230

Conversions

Conversions Part 2

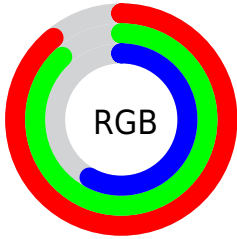
Format	Color
R_{YB}	149, 226, 147
Decimal	14868627
CIE _{Lab}	87.77, -10.67, 38.00
CIE _{LCh}	88, 39.465, 105.688
Yxy	71.5866, 0.3659, 0.4139
Android (android.graphics.Color)	4293058707 (0xFFE2E093)
YUV	215.8200, -33.9283, 8.9279
Hunter-Lab	84.6089, -14.5503, 32.5374

Details

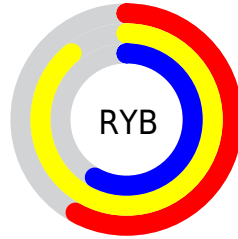
The YUV color **215.8200, -33.9283, 8.9279** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **157.1800, 33.9283, -8.9279**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.9580, -23.1503, 5.2988**, and **160.8630, -32.4705, 8.0131** is the 20% darker color. If you saturate the color by 10%, you get **212.6110, -43.6852, 11.7422**, and if you desaturate by 10%, it is **219.0290, -24.1713, 6.1136**.

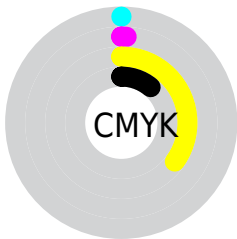
Distribution



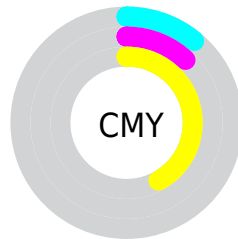
- Red (89%)
- Green (88%)
- Blue (58%)



- Red (58%)
- Yellow (89%)
- Blue (58%)



- Cyan (0%)
- Magenta (1%)
- Yellow (35%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.8200, -33.9283, 8.9279 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 215.8200, -33.9283, 8.9279 by changing the saturation by 10% instead.

■ 215.8200,
-33.9283, 8.9279

■ 215.8200,
-33.9283, 8.9279

255.0000, 0.0000,
0.0000

■ 187.7490,
-32.9073, 8.1131

■ 248.9580,
-23.1503, 5.2988

■ 160.8630,
-32.4705, 8.0131

■ 252.1500,
-10.9200, 2.4994

■ 134.3790,
-31.7388, 6.6836

■ 108.6070,
-30.8653, 6.4837

■ 83.4220, -30.2810,
5.7689

■ 59.9380, -29.5494,
4.4394

■ 39.8480, -19.6451,

1.0103

■ 20.3340, -10.0247,
-4.6779

■ 0.0000, 0.0000,
0.0000

■ 215.8200,
-33.9283, 8.9279

■ 215.8200,
-33.9283, 8.9279

■ 212.6110,
-43.6852, 11.7422

■ 219.0290,
-24.1713, 6.1136

■ 210.1030,
-53.2948, 13.9417

■ 221.5370,
-14.5617, 3.9141

■ 206.8940,
-63.0517, 16.7560

■ 224.7460, -4.8048,
1.0998

■ 204.3860,
-72.6613, 18.9555

■ 227.2540, 4.8048,
-1.0998

■ 201.1770,
-82.4183, 21.7698

■ 229.8930, 12.3778,
-3.4142

■ 198.5550,
-92.4646, 24.0693

■ 230.4800, 12.0884,
-3.9290

■ 196.7140,
-96.9800, 25.6838

■ 231.0670, 11.7990,
-4.4438

Harmonies

Analogous

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



217.5610, -34.2936, 32.8340



215.8200, -33.9283, 8.9279



211.2980, -22.3319, -23.9403

Triad

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



215.8200, -33.9283, 8.9279



196.8930, 28.6468, -88.4832



217.4830, 11.1009, 32.9024

Complementary

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



215.8200, -33.9283, 8.9279



157.1800, 33.9283, -8.9279

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.



222.9810, 15.7854, 23.6957



215.8200, -33.9283, 8.9279



205.9510, 24.1812, -56.0850

Square

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



215.8200, -33.9283, 8.9279



198.6130, 19.9108, -86.4836



215.9500, 19.2517, -14.8651



211.9770, -4.9187, 37.7312

Rectangle

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



215.8200, -33.9283, 8.9279



207.1840, -9.4577, -46.6424



215.9500, 19.2517, -14.8651



220.0250, 15.7637, 30.6731

Sweetspot

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



215.8200, -33.9283, 8.9279



251.5630, -10.6306, 3.0142



170.9630, -10.3348, 48.2674



125.5890, -6.6994, 2.1144



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.



215.8200, -33.9283, 8.9279



241.0410, -45.8692, 12.2420



205.9310, -29.0530, -14.8485



110.7460, -4.8048, 1.0998



153.0010, -75.4295, 20.1701



41.9410, -20.6769, 5.3137

Inverse Universe

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



157.1800, 33.9283, -8.9279



161.9590, 45.8692, -12.2420



167.0690, 29.0530, 14.8485



102.2540, 4.8048, -1.0998



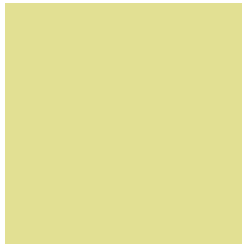
22.4120, 75.7189, -19.6553



6.0590, 20.6769, -5.3137

Previews

White Background



This preview shows how the YUV color 215.8200, -33.9283, 8.9279 looks on a white background.

Color Contrast Check

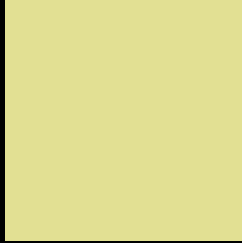
Large Text (above 18pt) WCAG AA × Fail

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 215.8200, -33.9283, 8.9279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

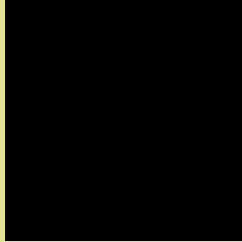
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 215.8200, -33.9283, 8.9279

Background



This preview shows how black text looks on a background with the YUV color 215.8200, -33.9283, 8.9279.



This preview shows how white text looks on a background with the YUV color 215.8200, -33.9283, 8.9279.

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

215.8200, -33.9283, 8.9279

Protanopia

217.1310, -35.5606, 19.1791

Deuteranopia

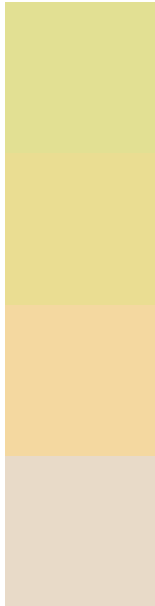
219.7270, -25.9944, 30.9344



Tritanopia

222.4020, 3.7458, 11.9254

Trichromacy



Original Color

215.8200, -33.9283, 8.9279

Protanomaly

216.3370, -34.6761, 15.4905

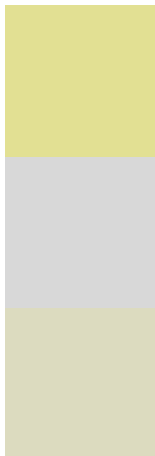
Deuteranomaly

217.9880, -28.5881, 22.8125

Tritanomaly

220.1340, -9.9261, 10.4065

Monochromacy



Original Color

215.8200, -33.9283, 8.9279

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.1070, -12.3778, 3.4142

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.8200, -33.9283, 8.9279 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(226, 224, 147)` looks like.

```
.text, #text, p{  
    color:rgb(226, 224, 147)  
}
```

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(226, 224, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 224, 147) }
```

Border

The CSS property to change the border of an element to YUV 215.8200, -33.9283, 8.9279 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(226, 224, 147) }
```


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

```
.border{ border-color:rgb(226, 224, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 224, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 224, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 224, 147);  
box-shadow:4px 4px 4px 4px rgb(226, 224,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 215.8200, -33.9283, 8.9279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 224, 147) }
```

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

```
.background{ background-color: rgb(226,  
224, 147) }
```

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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