

Converting Colors

YUV(217.4270, -31.2695,
-3.8825)

Have a look what the booklet for
YUV(217.4270, -31.2695, -3.8825)
contains.

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Color

**YUV(217.4270, -31.2695,
-3.8825)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E89A
RGB	213, 232, 154
RGB Percent	84%, 91%, 60%
CMY	0.1647, 0.0902, 0.3961
CMYK	0.08, 0.00, 0.34, 0.09
HSL	75°, 63%, 76%
HSV	75°, 34%, 91%
XYZ	62.1299, 74.1925, 41.6178
YIQ	217.4270, 13.7140, -28.2860

Conversions

Conversions Part 2

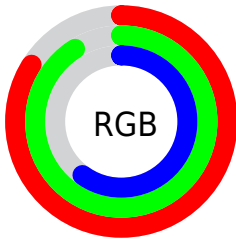
Format	Color
RYB	154, 232, 173
Decimal	14018714
CIELab	89.01, -18.71, 35.91
CIELCh	89, 40.494, 117.518
Yxy	74.1925, 0.3492, 0.4170
Android (android.graphics.Color)	4292208794 (0xFFD5E89A)
YUV	217.4270, -31.2695, -3.8825
Hunter-Lab	86.1350, -21.9828, 31.6474

Details

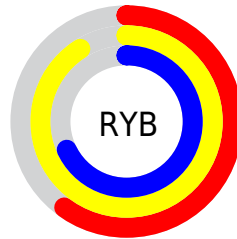
The YUV color **217.4270, -31.2695, -3.8825** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **168.5730, 31.2695, 3.8825**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.7560, -20.0927, 4.5990**, and **161.8830, -29.5223, -4.2824** is the 20% darker color. If you saturate the color by 10%, you get **213.0110, -40.4314, -5.2716**, and if you desaturate by 10%, it is **221.8430, -22.1076, -2.4933**.

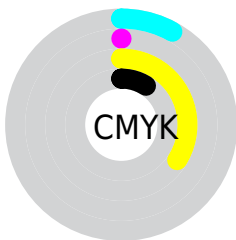
Distribution



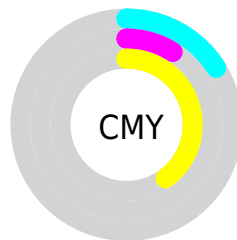
- Red (84%)
- Green (91%)
- Blue (60%)



- Red (60%)
- Yellow (91%)
- Blue (68%)



- Cyan (8%)
- Magenta (0%)
- Yellow (34%)
- Black (9%)



- Cyan (16%)
- Magenta (9%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.4270, -31.2695, -3.8825 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 217.4270, -31.2695, -3.8825 by changing the saturation by 10% instead.

■ 217.4270,
-31.2695, -3.8825

■ 217.4270,
-31.2695, -3.8825

255.0000, 0.0000,
0.0000

■ 189.6550,
-30.3959, -4.0824

■ 249.7560,
-20.0927, 4.5990

■ 161.8830,
-29.5223, -4.2824

■ 253.0620, -7.4256,
1.6996

■ 135.9970,
-29.0855, -4.3824

■ 110.2250,
-28.2119, -4.5823

■ 85.0400, -27.6277,
-5.2971

■ 60.8120, -28.5013,
-5.0971

■ 40.0920, -19.7654,

-7.0967

■ 18.7950, -9.2659,
-14.7292

■ 0.0000, 0.0000,
0.0000

■ 217.4270,
-31.2695, -3.8825

■ 217.4270,
-31.2695, -3.8825

■ 213.0110,
-40.4314, -5.2716

■ 221.8430,
-22.1076, -2.4933

■ 208.8940,
-49.7407, -6.0460

■ 225.9600,
-12.7983, -1.7189

■ 204.3640,
-59.3395, -7.3352

■ 230.4900, -3.1996,
-0.4297

■ 199.9480,
-68.5014, -8.7244

■ 234.9060, 5.9623,
0.9594

■ 195.8310,
-77.8107, -9.4988

■ 237.3130, 8.7197,
3.2335

■ 191.4150,
-86.9726, -10.8880

■ 239.1070, 7.8352,
6.9222

■ 188.5090,
-92.9349, -11.8474

■ 240.9010, 6.9508,
10.6108

■ 241.4990, 6.6560,
11.8404

Harmonies

Analogous

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



221.4310, -37.1875, 27.6860



217.4270, -31.2695, -3.8825



211.7460, -15.1578, -38.3652

Triad

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



217.4270, -31.2695, -3.8825



201.6660, 26.2937, -80.3911



216.7020, 5.5699, 33.5873

Complementary

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



217.4270, -31.2695, -3.8825



168.5730, 31.2695, 3.8825

Split Complementary

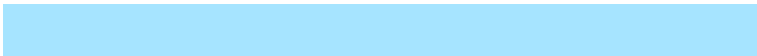
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.8890, 15.3377, 27.2843



217.4270, -31.2695, -3.8825



212.5400, 20.9328, -40.8156

Square

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



217.4270, -31.2695, -3.8825



199.2080, 27.5055, -95.7754



222.2510, 16.1453, 1.5339



213.5440, -11.6072, 36.3569

Rectangle

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



217.4270, -31.2695, -3.8825



207.6750, -0.8258, -61.9820



222.2510, 16.1453, 1.5339



218.7710, 10.9589, 31.7728

Sweetspot

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



217.4270, -31.2695, -3.8825



250.3560, -10.0355, -1.1892



187.8880, -16.7068, 38.6862



124.9800, -6.3991, -0.8595



0.0000, 0.0000, 0.0000



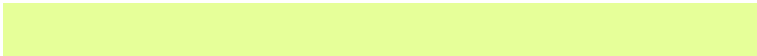
128.0000, 0.0000, 0.0000

Same Dimension

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



217.4270, -31.2695, -3.8825



235.8970, -40.8682, -5.1717



206.0650, -25.6680, -27.2440



112.7350, -4.7994, -0.6446



145.4380, -71.7009, -9.1541



41.5980, -20.5078, -2.2784

Inverse Universe

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



168.5730, 31.2695, 3.8825



172.1030, 40.8682, 5.1717



179.9350, 25.6680, 27.2440



105.2650, 4.7994, 0.6446



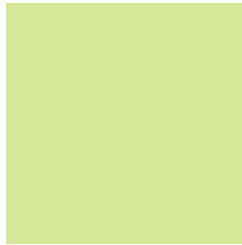
33.2630, 71.8483, 8.5393



9.4020, 20.5078, 2.2784

Previews

White Background



This preview shows how the YUV color 217.4270, -31.2695, -3.8825 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 217.4270, -31.2695, -3.8825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

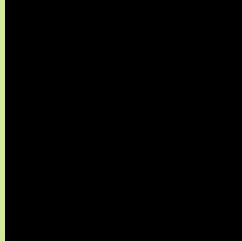
Any Text WCAG AA ✓ Pass

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 217.4270, -31.2695, -3.8825 Background



This preview shows how black text looks on a background with the YUV color 217.4270, -31.2695, -3.8825.



This preview shows how white text looks on a background with the YUV color 217.4270, -31.2695, -3.8825.

-3.8825.

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

217.4270, -31.2695, -3.8825

Protanopia

220.3590, -34.6870, 18.9792

Deuteranopia

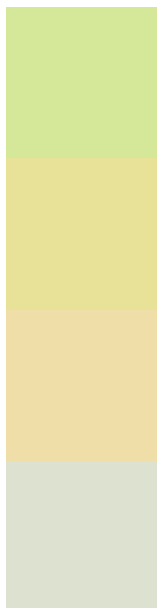
223.3290, -22.3472, 27.7755



Tritanopia

223.9490, 7.4201, 0.0447

Trichromacy



Original Color

217.4270, -31.2695, -3.8825

Protanomaly

218.9450, -33.4969, 10.5722

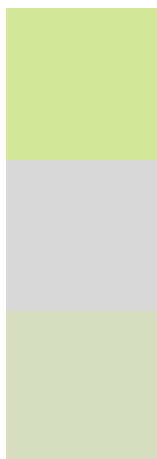
Deuteranomaly

221.3400, -25.8036, 16.3648

Tritanomaly

221.5670, -6.6885, -1.3743

Monochromacy



Original Color

217.4270, -31.2695, -3.8825

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.0140, -11.3459, -0.8893

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.4270, -31.2695, -3.8825 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(213, 232, 154)` looks like.

```
.text, #text, p{  
    color:rgb(213, 232, 154)  
}
```

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(213, 232, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 232, 154) }
```

Border

The CSS property to change the border of an element to YUV 217.4270, -31.2695, -3.8825 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(213, 232, 154) }
```


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

```
.border{ border-color:rgb(213, 232, 154) }
```

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

Here you see how a box with a 4 pixel rgb(213, 232, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 232, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 232, 154);  
box-shadow:4px 4px 4px 4px rgb(213, 232,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 217.4270, -31.2695, -3.8825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 232, 154) }
```

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

```
.background{ background-color: rgb(213,  
232, 154) }
```

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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