

Converting Colors

YUV(217.2850, -45.9895,
4.1351)

Have a look what the booklet for
YUV(217.2850, -45.9895, 4.1351)
contains.

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Color

**YUV(217.2850, -45.9895,
4.1351)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE97C
RGB	222, 233, 124
RGB Percent	87%, 91%, 49%
CMY	0.1294, 0.0863, 0.5137
CMYK	0.05, 0.00, 0.47, 0.09
HSL	66°, 71%, 70%
HSV	66°, 47%, 91%
XYZ	62.9012, 75.2627, 30.2807
YIQ	217.2850, 28.4330, -36.2310

Conversions

Conversions Part 2

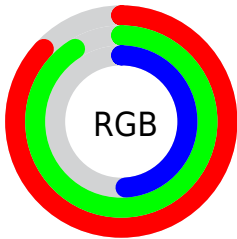
Format	Color
RYB	124, 233, 135
Decimal	14608764
CIELab	89.52, -19.09, 51.38
CIELCh	90, 54.808, 110.380
Yxy	75.2627, 0.3734, 0.4468
Android (android.graphics.Color)	4292798844 (0xFFDEE97C)
YUV	217.2850, -45.9895, 4.1351
Hunter-Lab	86.7541, -22.3978, 40.0332

Details

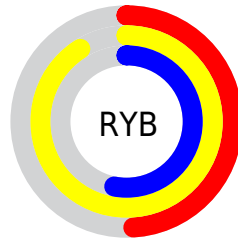
The YUV color $217.2850, -45.9895, 4.1351$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $139.7150, 45.9895, -4.1351$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.3360, -33.1966, 7.5983$, and $161.3280, -44.5317, 3.2203$ is the 20% darker color. If you saturate the color by 10%, you get $214.0650, -55.7410, 5.2050$, and if you desaturate by 10%, it is $220.5050, -36.2380, 3.0651$.

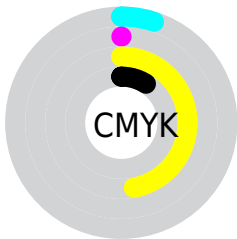
Distribution



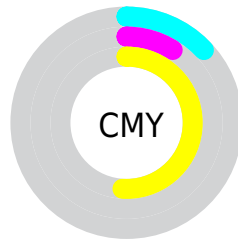
- Red (87%)
- Green (91%)
- Blue (49%)



- Red (49%)
- Yellow (91%)
- Blue (53%)



- Cyan (5%)
- Magenta (0%)
- Yellow (47%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.2850, -45.9895, 4.1351 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 217.2850, -45.9895, 4.1351 by changing the saturation by 10% instead.

■ 217.2850,
-45.9895, 4.1351

■ 217.2850,
-45.9895, 4.1351

■ 255.0000, 0.0000,
0.0000

■ 189.2140,
-44.9685, 3.3203

■ 246.3360,
-33.1966, 7.5983

■ 161.3280,
-44.5317, 3.2203

■ 249.5280,
-20.9663, 4.7989

■ 134.7300,
-44.2369, 1.9908

■ 252.8340, -8.2992,
1.8996

■ 107.8610,
-46.2735, 1.8759

■ 83.8160, -41.3213,
0.1614

■ 62.2530, -30.6907,
-2.8529

■ 40.9780, -20.2022,

-6.9967

■ 19.6810, -9.7027,
-14.6292

■ 0.0000, 0.0000,
0.0000

■ 217.2850,
-45.9895, 4.1351

■ 217.2850,
-45.9895, 4.1351

■ 214.0650,
-55.7410, 5.2050

■ 220.5050,
-36.2380, 3.0651

■ 210.4320,
-65.7820, 5.7601

■ 224.1380,
-26.1970, 2.5100

■ 207.2120,
-75.5335, 6.8301

■ 227.3580,
-16.4455, 1.4400

■ 203.9920,
-85.2851, 7.9000

■ 230.5780, -6.6940,
0.3701

■ 200.4730,
-94.8892, 8.3552

■ 234.2110, 3.3470,
-0.1850

■ 199.2620,
-98.2362, 8.5402

■ 236.4050, 9.1673,
-0.3552

■ 237.0030, 8.8725,
0.8744

■ 237.9000, 8.4303,
2.7187

■ 238.4980, 8.1355,
3.9483

Harmonies

Analogous

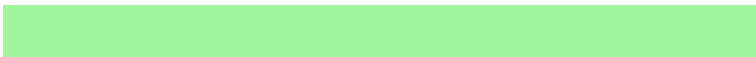
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216.8310, -47.2447, 33.4742



217.2850, -45.9895, 4.1351



209.7380, -26.4928, -42.7432

Triad

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



217.2850, -45.9895, 4.1351



174.0590, 39.9039, -152.6497



212.0690, 15.7420, 37.6505

Complementary

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



217.2850, -45.9895, 4.1351



139.7150, 45.9895, -4.1351

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.



221.5410, 16.4953, 29.3435



217.2850, -45.9895, 4.1351



197.5130, 28.3411, -83.7649

Square

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



217.2850, -45.9895, 4.1351



176.9940, 38.4570, -155.2237



218.0320, 18.2252, -12.3061



206.0270, -7.4083, 42.9493

Rectangle

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



217.2850, -45.9895, 4.1351



201.6700, -6.7393, -78.6406



218.0320, 18.2252, -12.3061



215.6710, 19.3892, 34.4915

Sweetspot

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



217.2850, -45.9895, 4.1351



249.7000, -15.1351, 1.1401



163.0480, -19.2507, 61.3479



124.5950, -9.1673, 0.3552



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.



217.2850, -45.9895, 4.1351



234.5120, -60.3984, 5.6900



201.1390, -38.0295, -29.0629



115.4470, -4.6574, 0.4850



154.9840, -76.4071, 7.0300



46.0500, -22.7026, 1.7102

Inverse Universe

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



139.7150, 45.9895, -4.1351



132.7870, 60.2510, -5.0752



155.8610, 38.0295, 29.0629



107.5530, 4.6574, -0.4850



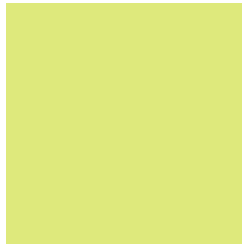
26.0160, 76.4071, -7.0300



7.6510, 22.8501, -2.3249

Previews

White Background



This preview shows how the YUV color 217.2850, -45.9895, 4.1351 looks on a white background.

Color Contrast Check

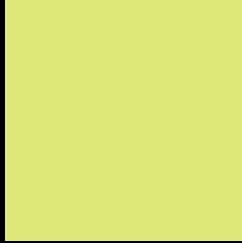
Large Text (above 18pt) WCAG AA × Fail

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 217.2850, -45.9895, 4.1351 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 217.2850, -45.9895, 4.1351 Background



This preview shows how black text looks on a background with the YUV color 217.2850, -45.9895, 4.1351.



This preview shows how white text looks on a background with the YUV color 217.2850, -45.9895, 4.1351.

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

217.2850, -45.9895, 4.1351

Protanopia

219.7220, -48.6699, 23.9228

Deuteranopia

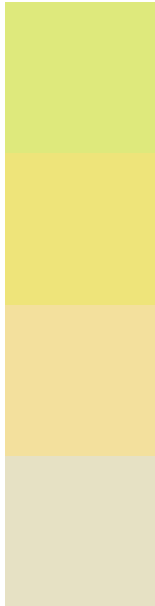
224.8620, -24.0890, 26.4310



Tritanopia

226.4230, 5.2145, 7.5220

Trichromacy



Original Color

217.2850, -45.9895, 4.1351

Protanomaly

218.9060, -47.7747, 16.7454

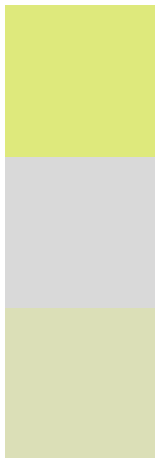
Deuteranomaly

222.0430, -32.0662, 18.3793

Tritanomaly

223.1890, -13.4042, 5.9732

Monochromacy



Original Color

217.2850, -45.9895, 4.1351

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.2440, -16.8823, 1.5400

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.2850, -45.9895, 4.1351 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(222, 233, 124)` looks like.

```
.text, #text, p{  
    color:rgb(222, 233, 124)  
}
```

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(222, 233, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 233, 124) }
```

Border

The CSS property to change the border of an element to YUV 217.2850, -45.9895, 4.1351 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(222, 233, 124) }
```


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

```
.border{ border-color:rgb(222, 233, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 233, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 233, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 233, 124);  
box-shadow:4px 4px 4px 4px rgb(222, 233,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 217.2850, -45.9895, 4.1351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 233, 124) }
```

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

```
.background{ background-color: rgb(222,  
233, 124) }
```

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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