

Converting Colors

YUV(217.1880, -28.6867,
7.7281)

Have a look what the booklet for
YUV(217.1880, -28.6867, 7.7281)
contains.

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Color

**YUV(217.1880, -28.6867,
7.7281)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E09F
RGB	226, 224, 159
RGB Percent	89%, 88%, 62%
CMY	0.1137, 0.1216, 0.3765
CMYK	0.00, 0.01, 0.30, 0.11
HSL	58°, 54%, 75%
HSV	58°, 30%, 89%
XYZ	64.2777, 71.9833, 43.3073
YIQ	217.1880, 22.0570, -19.7910

Conversions

Conversions Part 2

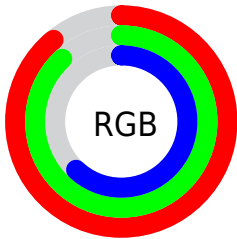
Format	Color
RYB	161, 226, 159
Decimal	14868639
CIELab	87.96, -9.23, 32.16
CIELCh	88, 33.457, 106.010
Yxy	71.9833, 0.3580, 0.4009
Android (android.graphics.Color)	4293058719 (0xFFE2E09F)
YUV	217.1880, -28.6867, 7.7281
Hunter-Lab	84.8430, -13.2421, 29.1261

Details

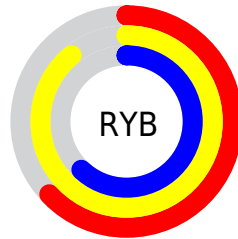
The YUV color $217.1880, -28.6867, 7.7281$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $167.8120, 28.6867, -7.7281$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3260, -17.9087, 4.0991$, and $162.2310, -27.2289, 6.8134$ is the 20% darker color. If you saturate the color by 10%, you get $213.9790, -38.4436, 10.5424$, and if you desaturate by 10%, it is $220.3970, -18.9297, 4.9138$.

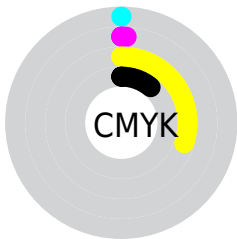
Distribution



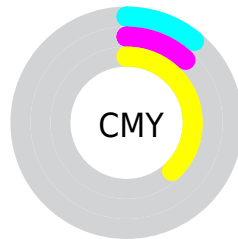
- Red (89%)
- Green (88%)
- Blue (62%)



- Red (63%)
- Yellow (89%)
- Blue (62%)



- Cyan (0%)
- Magenta (1%)
- Yellow (30%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.1880, -28.6867, 7.7281 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 217.1880, -28.6867, 7.7281 by changing the saturation by 10% instead.

■ 217.1880,
-28.6867, 7.7281

■ 217.1880,
-28.6867, 7.7281

■ 255.0000, 0.0000,
0.0000

■ 189.4160,
-27.8131, 7.5282

■ 250.3260,
-17.9087, 4.0991

■ 162.2310,
-27.2289, 6.8134

■ 253.6320, -5.2416,
1.1997

■ 135.4590,
-26.3553, 6.6135

■ 109.9750,
-25.6237, 5.2839

■ 85.2030, -24.7501,
5.0840

■ 61.4910, -24.8921,
3.9544

■ 40.7450, -20.0873,

2.8546

■ 20.9430, -10.3249,
-1.7040

■ 0.0000, 0.0000,
0.0000

■ 217.1880,
-28.6867, 7.7281

■ 217.1880,
-28.6867, 7.7281

■ 213.9790,
-38.4436, 10.5424

■ 220.3970,
-18.9297, 4.9138

■ 211.4710,
-48.0532, 12.7419

■ 222.9050, -9.3202,
2.7143

■ 208.2620,
-57.8102, 15.5562

■ 226.1140, 0.4368,
-0.1000

■ 205.1670,
-67.1303, 18.2705

■ 229.2090, 9.7570,
-2.8143

■ 202.5450,
-77.1767, 20.5700

■ 229.8930, 12.3778,
-3.4142

■ 199.3360,
-86.9336, 23.3843

■ 230.4800, 12.0884,
-3.9290

■ 196.2410,
-96.2538, 26.0986

■ 231.0670, 11.7990,
-4.4438

■ 196.1270,
-96.6906, 26.1986

■ 231.6540, 11.5096,
-4.9586

Harmonies

Analogous

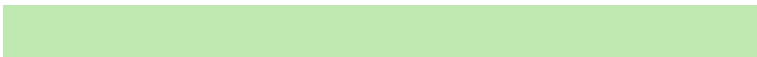
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219.4020, -29.7782, 31.2194



217.1880, -28.6867, 7.7281



213.0580, -18.2696, -20.2219

Triad

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



217.1880, -28.6867, 7.7281



204.9880, 24.6559, -68.3955



220.0760, 8.3435, 30.6283

Complementary

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



217.1880, -28.6867, 7.7281



167.8120, 28.6867, -7.7281

Split Complementary

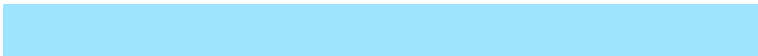
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.1330, 15.2174, 19.1774



217.1880, -28.6867, 7.7281



210.4470, 21.9646, -45.1190

Square

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



217.1880, -28.6867, 7.7281



204.6970, 15.9254, -68.1403



218.3310, 18.0778, -11.6913



215.7270, -5.7814, 34.4424

Rectangle

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



217.1880, -28.6867, 7.7281



209.9830, -7.8796, -39.4501



218.3310, 18.0778, -11.6913



222.3900, 12.1327, 28.5990

Sweetspot

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



217.1880, -28.6867, 7.7281



251.7910, -9.7570, 2.8143



179.2610, -9.0027, 40.9901



125.7030, -6.2626, 2.0145



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.



217.1880, -28.6867, 7.7281



242.7510, -39.3172, 10.7424



209.0930, -24.6958, -12.3596



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.



167.8120, 28.6867, -7.7281



175.2490, 39.3172, -10.7424



175.9070, 24.6958, 12.3596



102.2540, 4.8048, -1.0998



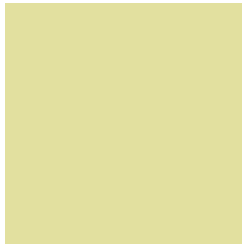
22.9990, 75.4295, -20.1701



6.0590, 20.6769, -5.3137

Previews

White Background



This preview shows how the YUV color 217.1880, -28.6867, 7.7281 looks on a white background.

Color Contrast Check

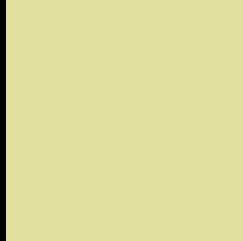
Large Text (above 18pt) WCAG AA × Fail

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 217.1880, -28.6867, 7.7281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

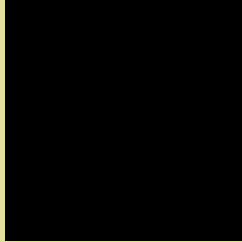
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

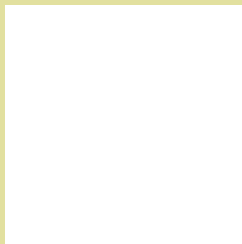
Any Text WCAG AAA ✓ Pass

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

YUV 217.1880, -28.6867, 7.7281 Background



This preview shows how black text looks on a background with the YUV color 217.1880, -28.6867, 7.7281.



This preview shows how white text looks on a background with the YUV color 217.1880, -28.6867, 7.7281.

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

217.1880, -28.6867, 7.7281

Protanopia

217.9010, -30.0242, 16.7498

Deuteranopia

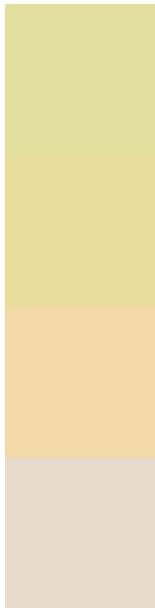
220.9980, -23.6630, 29.8198



Tritanopia

222.9180, 4.4774, 10.5959

Trichromacy



Original Color

217.1880, -28.6867, 7.7281

Protanomaly

217.4060, -29.2872, 13.6759

Deuteranomaly

219.4870, -25.3831, 21.4979

Tritanomaly

220.7040, -7.7421, 9.9066

Monochromacy



Original Color

217.1880, -28.6867, 7.7281

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.2640, -10.4832, 2.3995

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.1880, -28.6867, 7.7281 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(226, 224, 159)  
}
```

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, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 224, 159) }
```

Border

The CSS property to change the border of an element to YUV 217.1880, -28.6867, 7.7281 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, 159) }
```


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

```
.border{ border-color:rgb(226, 224, 159) }
```

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, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 224, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 224, 159); box-shadow:4px 4px 4px 4px rgb(226, 224, 159) }
```

Background

The CSS property to change the background color of an element to YUV 217.1880, -28.6867, 7.7281 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, 159) }
```

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

```
.background{ background-color: rgb(226,  
224, 159) }
```

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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