

Converting Colors

YUV(227.8120, -41.8123,
17.7049)

Have a look what the booklet for
YUV(227.8120, -41.8123, 17.7049)
contains.

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Color

**YUV(227.8120, -41.8123,
17.7049)**

Conversions

Conversions Part 1

Format	Color
Hex	F8EA8F
RGB	248, 234, 143
RGB Percent	97%, 92%, 56%
CMY	0.0275, 0.0824, 0.4392
CMYK	0.00, 0.06, 0.42, 0.03
HSL	52°, 88%, 77%
HSV	52°, 42%, 97%
XYZ	73.0921, 80.7853, 37.7273
YIQ	227.8120, 37.5550, -25.3330

Conversions

Conversions Part 2

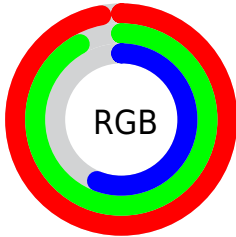
Format	Color
RYB	159, 248, 143
Decimal	16312975
CIELab	92.04, -7.59, 45.80
CIELCh	92, 46.419, 99.406
Yxy	80.7853, 0.3815, 0.4216
Android (android.graphics.Color)	4294503055 (0xFFFF8EA8F)
YUV	227.8120, -41.8123, 17.7049
Hunter-Lab	89.8806, -12.1325, 38.0295

Details

The YUV color $227.8120, -41.8123, 17.7049$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $163.1880, 41.8123, -17.7049$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.5020, -24.8975, 5.6987$, and $171.6700, -39.7703, 16.0754$ is the 20% darker color. If you saturate the color by 10%, you get $223.2010, -51.8641, 21.7487$, and if you desaturate by 10%, it is $232.4230, -31.7605, 13.6610$.

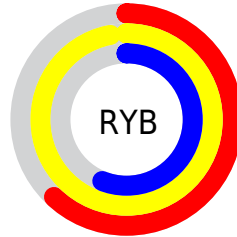
Distribution



Red (97%)

Green (92%)

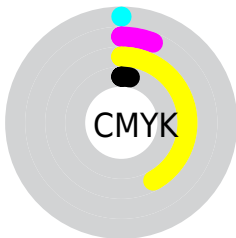
Blue (56%)



Red (62%)

Yellow (97%)

Blue (56%)

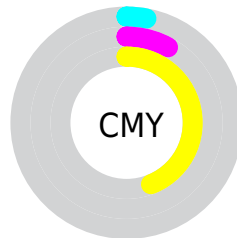


Cyan (0%)

Magenta (6%)

Yellow (42%)

Black (3%)



Cyan (3%)

Magenta (8%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.8120, -41.8123, 17.7049 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 227.8120, -41.8123, 17.7049 by changing the saturation by 10% instead.

■ 227.8120,
-41.8123, 17.7049

■ 227.8120,
-41.8123, 17.7049

255.0000, 0.0000,
0.0000

■ 199.7410,
-40.7913, 16.8901

■ 248.5020,
-24.8975, 5.6987

■ 171.6700,
-39.7703, 16.0754

■ 251.6940,
-12.6671, 2.8994

■ 145.0720,
-39.4755, 14.8459

■ 118.5880,
-38.7439, 13.5163

■ 92.5340, -40.1963,
12.6867

■ 69.4180, -34.2231,
10.1574

■ 49.0290, -24.1713,

6.1136

■ 29.5260, -14.5563,
2.1697

■ 7.6310, -3.7621,
-6.6924

■ 227.8120,
-41.8123, 17.7049

■ 227.8120,
-41.8123, 17.7049

■ 223.2010,
-51.8641, 21.7487

■ 232.4230,
-31.7605, 13.6610

■ 218.0030,
-61.6265, 26.3074

■ 237.6210,
-21.9982, 9.1024

■ 213.5060,
-71.2415, 30.2512

■ 242.1180,
-12.3832, 5.1585

■ 208.8950,
-81.2932, 34.2951

■ 246.7290, -2.3314,
1.1147

■ 203.6970,
-91.0556, 38.8537

■ 250.5590, 2.1894,
-2.2442

■ 200.3570,
-98.7760, 41.7829

■ 252.3200, 1.3212,
-3.7886

■ 252.9070, 1.0318,
-4.3034

Harmonies

Analogous

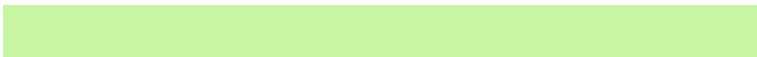
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221.7840, -35.8825, 29.1304



227.8120, -41.8123, 17.7049



222.3710, -29.7629, -20.4964

Triad

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



227.8120, -41.8123, 17.7049



193.4170, 30.3604, -124.8997



223.8890, 15.3377, 27.2843

Complementary

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



227.8120, -41.8123, 17.7049



163.1880, 41.8123, -17.7049

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.



231.5200, 11.5756, 20.5920



227.8120, -41.8123, 17.7049



207.2700, 23.5309, -80.9208

Square

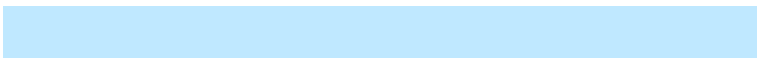
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227.8120, -41.8123, 17.7049



202.7310, 20.8386, -104.1271



222.3630, 16.0900, -27.5054



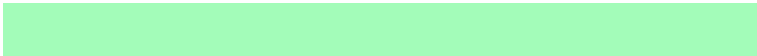
217.5510, 1.2074, 32.8428

Rectangle

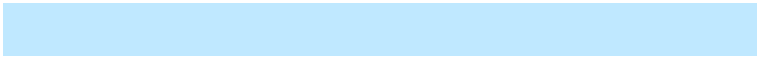
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.8120, -41.8123, 17.7049



217.7510, -16.1462, -48.0166



222.3630, 16.0900, -27.5054



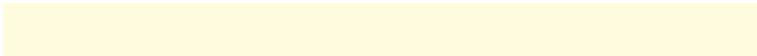
226.2370, 14.1802, 25.2252

Sweetspot

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



227.8120, -41.8123, 17.7049



248.8900, -13.2568, 5.3585



175.9910, -9.3626, 63.1519



123.8450, -8.3046, 3.6439



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

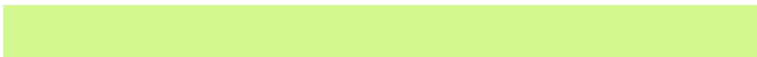
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.8120, -41.8123, 17.7049



230.2010, -51.8641, 21.7487



224.6680, -40.2623, -12.8638



122.3440, -5.0996, 2.3293



152.7790, -75.3200, 31.7658



49.3500, -24.3295, 10.2171

Inverse Universe

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



163.1880, 41.8123, -17.7049



149.7990, 51.8641, -21.7487



166.3320, 40.2623, 12.8638



114.6560, 5.0996, -2.3293



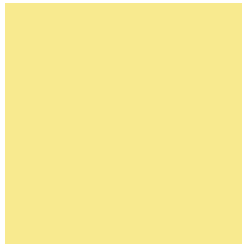
36.2210, 75.3200, -31.7658



11.6500, 24.3296, -10.2171

Previews

White Background



This preview shows how the YUV color 227.8120, -41.8123, 17.7049 looks on a white background.

Color Contrast Check

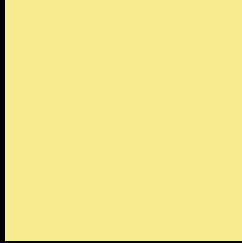
Large Text (above 18pt) WCAG AA × Fail

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 227.8120, -41.8123, 17.7049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

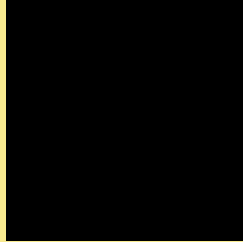
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 227.8120, -41.8123, 17.7049

Background



This preview shows how black text looks on a background with the YUV color 227.8120, -41.8123, 17.7049.



This preview shows how white text looks on a background with the YUV color 227.8120, -41.8123, 17.7049.

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

227.8120, -41.8123, 17.7049

Protanopia

228.0190, -42.4074, 21.9083

Deuteranopia

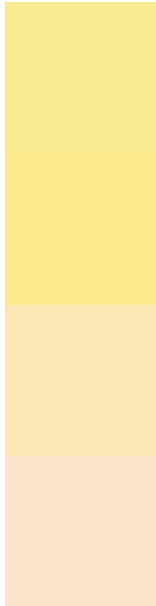
232.7670, -16.6471, 19.4983



Tritanopia

234.9790, 1.9824, 17.5584

Trichromacy



Original Color

227.8120, -41.8123, 17.7049

Protanomaly

228.0080, -42.4019, 20.1640

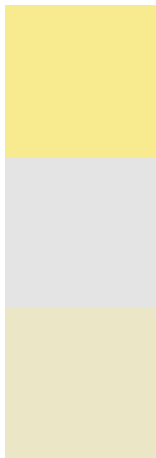
Deuteranomaly

230.7640, -25.5197, 18.6240

Tritanomaly

232.4400, -14.0209, 17.1541

Monochromacy



Original Color

227.8120, -41.8123, 17.7049

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.7330, -15.1514, 6.3732

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.8120, -41.8123, 17.7049 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(248, 234, 143)` looks like.

```
.text, #text, p{  
    color:rgb(248, 234, 143)  
}
```

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(248, 234, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 234, 143) }
```

Border

The CSS property to change the border of an element to YUV 227.8120, -41.8123, 17.7049 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(248, 234, 143) }
```


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

```
.border{ border-color:rgb(248, 234, 143) }
```

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

Here you see how a box with a 4 pixel rgb(248, 234, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 234, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 234, 143);  
box-shadow:4px 4px 4px 4px rgb(248, 234,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 227.8120, -41.8123, 17.7049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 234, 143) }
```

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

```
.background{ background-color: rgb(248,  
234, 143) }
```

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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