

Converting Colors

YUV(240.6270, -27.9171,
-5.8119)

Have a look what the booklet for
YUV(240.6270, -27.9171, -5.8119)
contains.

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Color

**YUV(240.6270, -27.9171,
-5.8119)**

Conversions

Conversions Part 1

Format	Color
Hex	EAFFB8
RGB	234, 255, 184
RGB Percent	92%, 100%, 72%
CMY	0.0824, 0.0000, 0.2784
CMYK	0.08, 0.00, 0.28, 0.00
HSL	78°, 100%, 86%
HSV	78°, 28%, 100%
XYZ	78.3434, 92.4731, 59.0674
YIQ	240.6270, 10.2750, -26.5330

Conversions

Conversions Part 2

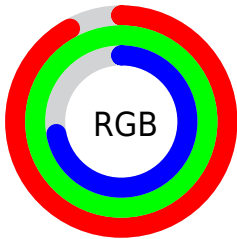
Format	Color
RYB	184, 255, 205
Decimal	15400888
CIELab	97.01, -18.32, 31.74
CIELCh	97, 36.646, 120.000
Yxy	92.4731, 0.3408, 0.4023
Android (android.graphics.Color)	4293590968 (0xFFEAFB8)
YUV	240.6270, -27.9171, -5.8119
Hunter-Lab	96.1629, -22.8622, 30.8956

Details

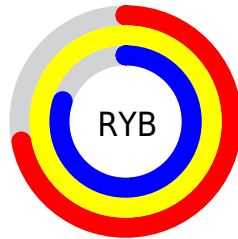
The YUV color $240.6270, -27.9171, -5.8119$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $198.3730, 27.9171, 5.8119$, and the grayscale version is $241.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.2900, -6.5520, 1.4997$, and $184.2680, -26.7541, -5.4970$ is the 20% darker color. If you saturate the color by 10%, you get $235.3850, -37.6578, -8.2306$, and if you desaturate by 10%, it is $245.9830, -17.7396, -3.4931$.

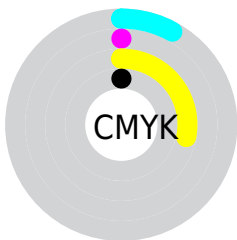
Distribution



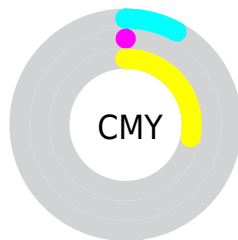
- Red (92%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (80%)



- Cyan (8%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.6270, -27.9171, -5.8119 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 240.6270, -27.9171, -5.8119 by changing the saturation by 10% instead.

■ 240.6270,
-27.9171, -5.8119

■ 240.6270,
-27.9171, -5.8119

255.0000, 0.0000,
0.0000

■ 211.8550,
-27.0435, -6.0118

■ 253.2900, -6.5520,
1.4997

■ 184.2680,
-26.7541, -5.4970

■ 157.1970,
-25.7331, -6.3118

■ 130.7240,
-25.0069, -5.8969

■ 105.5390,
-24.4227, -6.6117

■ 81.0660, -23.6965,
-6.1969

■ 56.9520, -24.1333,

-6.0969

■ 36.5480, -18.0182,
-7.4966

■ 16.4360, -8.1029,
-14.4144

■ 240.6270,
-27.9171, -5.8119

■ 240.6270,
-27.9171, -5.8119

■ 235.3850,
-37.6578, -8.2306

■ 245.9830,
-17.7396, -3.4931

■ 230.3280,
-47.9827, -9.9347

■ 250.9260, -7.8515,
-1.6891

■ 224.9720,
-58.1602, -12.2534

255.0000, 0.0000,
0.0000

■ 220.0290,
-68.0483, -14.0574

■ 214.7870,
-77.7890, -16.4762

■ 209.7300,
-88.1139, -18.1802

■ 204.4880,
-97.8546, -20.5990

■ 203.5050,
-100.3280, -20.6139

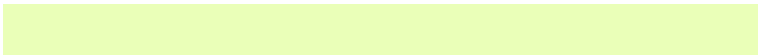
Harmonies

Analogous

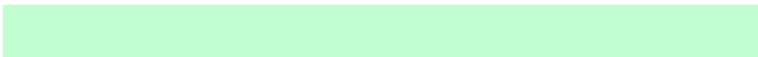
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.4230, -31.7605, 13.6610



240.6270, -27.9171, -5.8119



231.3320, -10.5167, -33.6172

Triad

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



240.6270, -27.9171, -5.8119



225.1000, 14.7407, -61.4777



233.6570, 7.0711, 18.7178

Complementary

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



240.6270, -27.9171, -5.8119



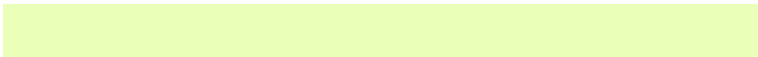
198.3730, 27.9171, 5.8119

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.



237.9770, 8.3923, 14.9292



240.6270, -27.9171, -5.8119



235.9190, 9.4069, -30.6240

Square

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



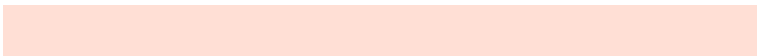
240.6270, -27.9171, -5.8119



219.4190, 17.5414, -73.1585



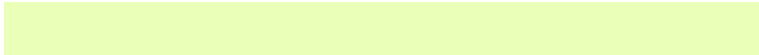
243.5370, 5.6513, 7.4221



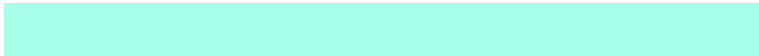
231.4280, -9.0850, 20.6726

Rectangle

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



240.6270, -27.9171, -5.8119



226.1800, 3.3623, -51.9009



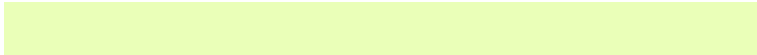
243.5370, 5.6513, 7.4221



235.0420, 9.8393, 17.5032

Sweetspot

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



240.6270, -27.9171, -5.8119



250.9260, -7.8515, -1.6891



216.9690, -16.2537, 33.3532



125.3220, -5.0887, -1.1594



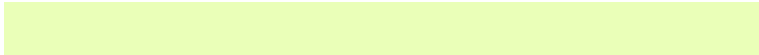
0.0000, 0.0000, 0.0000



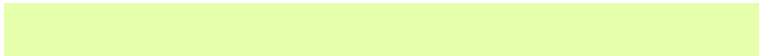
128.0000, 0.0000, 0.0000

Same Dimension

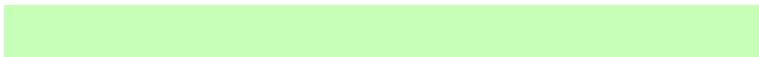
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.6270, -27.9171, -5.8119



237.9490, -33.0059, -6.9713



230.1620, -22.7579, -27.3291



125.3220, -5.0887, -1.1594



152.4820, -75.1736, -15.3317



51.0230, -25.1543, -5.2822

Inverse Universe

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



198.3730, 27.9171, 5.8119



188.0510, 33.0059, 6.9713



208.8380, 22.7579, 27.3291



117.6780, 5.0887, 1.1594



38.8170, 75.0262, 15.9465



12.9770, 25.1543, 5.2822

Previews

White Background



This preview shows how the YUV color 240.6270, -27.9171, -5.8119 looks on a white background.

Color Contrast Check

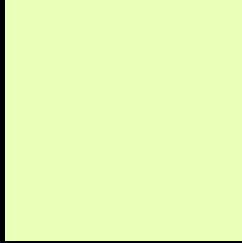
Large Text (above 18pt) WCAG AA × Fail

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 240.6270, -27.9171, -5.8119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

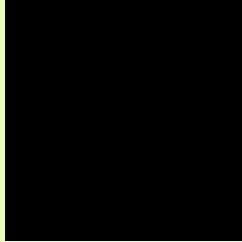
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

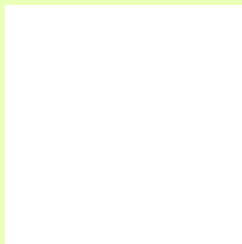
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 240.6270, -27.9171, -5.8119

Background



This preview shows how black text looks on a background with the YUV color 240.6270, -27.9171, -5.8119.



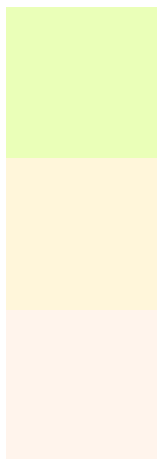
This preview shows how white text looks on a background with the YUV color 240.6270, -27.9171, -5.8119.

-5.8119.

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

240.6270, -27.9171, -5.8119

Protanopia

245.4990, -13.5570, 8.3324

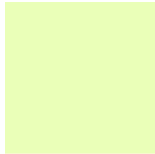
Deuteranopia

246.3770, -5.1159, 7.5624

Tritanopia

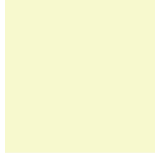
246.4390, 4.2206, -0.3850

Trichromacy



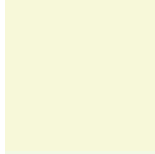
Original Color

240.6270, -27.9171, -5.8119



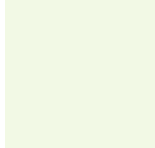
Protanomaly

243.5000, -18.4875, 3.0695



Deuteranomaly

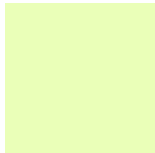
244.1670, -13.3933, 2.4845



Tritanomaly

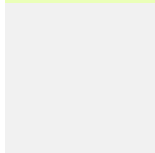
244.6270, -7.7041, -2.3039

Monochromacy



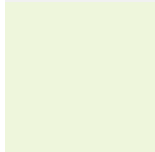
Original Color

240.6270, -27.9171, -5.8119



Achromatopsia

241.0000, 0.0000, 0.0000



Achromatomaly

240.6440, -10.1775, -2.3188

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.6270, -27.9171, -5.8119 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(234, 255, 184)` looks like.

```
.text, #text, p{  
    color:rgb(234, 255, 184)  
}
```

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(234, 255, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 255, 184) }
```

Border

The CSS property to change the border of an element to YUV 240.6270, -27.9171, -5.8119 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(234, 255, 184) }
```


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

```
.border{ border-color:rgb(234, 255, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 255, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 255, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 255, 184);  
box-shadow:4px 4px 4px 4px rgb(234, 255,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 240.6270, -27.9171, -5.8119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 255, 184) }
```

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

```
.background{ background-color: rgb(234,  
255, 184) }
```

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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