

Converting Colors

YUV(241.8180, -27.5183,
6.2986)

Have a look what the booklet for
YUV(241.8180, -27.5183, 6.2986)
contains.

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Color

**YUV(241.8180, -27.5183,
6.2986)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F9BA
RGB	249, 249, 186
RGB Percent	98%, 98%, 73%
CMY	0.0235, 0.0235, 0.2706
CMYK	0.00, 0.00, 0.25, 0.02
HSL	60°, 84%, 85%
HSV	60°, 25%, 98%
XYZ	81.8055, 91.4363, 59.7917
YIQ	241.8180, 20.2230, -19.5930

Conversions

Conversions Part 2

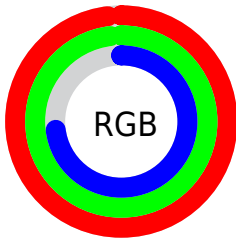
Format	Color
R_{YB}	186, 249, 186
Decimal	16382394
CIE _{Lab}	96.59, -9.69, 30.34
CIE _{LCh}	97, 31.850, 107.710
Yxy	91.4363, 0.3510, 0.3924
Android (android.graphics.Color)	4294572474 (0xFFFF9F9BA)
YUV	241.8180, -27.5183, 6.2986
Hunter-Lab	95.6223, -14.6311, 29.8621

Details

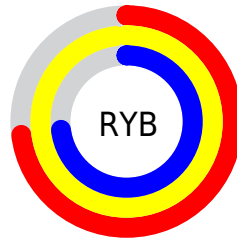
The YUV color $241.8180, -27.5183, 6.2986$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $193.1820, 27.5183, -6.2986$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5180, -5.6784, 1.2997$, and $185.7470, -26.4973, 5.4839$ is the 20% darker color. If you saturate the color by 10%, you get $238.9680, -38.4382, 8.7981$, and if you desaturate by 10%, it is $244.6680, -16.5983, 3.7992$.

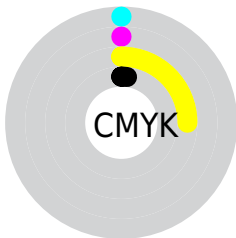
Distribution



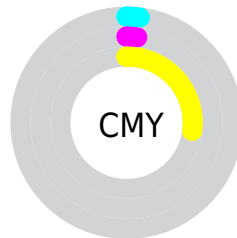
- Red (98%)
- Green (98%)
- Blue (73%)



- Red (73%)
- Yellow (98%)
- Blue (73%)



- Cyan (0%)
- Magenta (0%)
- Yellow (25%)
- Black (2%)



- Cyan (2%)
- Magenta (2%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.8180, -27.5183, 6.2986 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 241.8180, -27.5183, 6.2986 by changing the saturation by 10% instead.

241.8180,
-27.5183, 6.2986

241.8180,
-27.5183, 6.2986

255.0000, 0.0000,
0.0000

213.0460,
-26.6447, 6.0987

253.5180, -5.6784,
1.2997

185.7470,
-26.4973, 5.4839

158.6760,
-25.4763, 4.6691

132.2030,
-24.7501, 5.0840

106.7190,
-24.0185, 3.7544

81.9470, -23.1449,
3.5545

58.6480, -22.9975,

2.9397

■ 37.7880, -18.6295,
1.9399

■ 17.6760, -8.7143,
-4.9779

■ 241.8180,
-27.5183, 6.2986

■ 241.8180,
-27.5183, 6.2986

■ 238.9680,
-38.4382, 8.7981

■ 244.6680,
-16.5983, 3.7992

■ 236.1180,
-49.3582, 11.2975

■ 247.5180, -5.6784,
1.2997

■ 233.2680,
-60.2781, 13.7970

■ 249.6840, 2.6208,
-0.5999

■ 230.4180,
-71.1981, 16.2964

■ 227.6820,
-81.6812, 18.6959

■ 224.8320,
-92.6012, 21.1953

■ 221.9820,
-103.5211, 23.6948

■ 220.6140,
-108.7627, 24.8945

Harmonies

Analogous

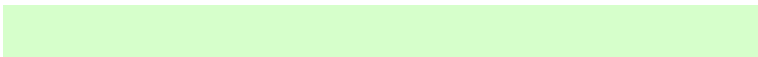
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.6280, -25.9456, 15.2352



241.8180, -27.5183, 6.2986



236.8130, -16.6698, -20.0070

Triad

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



241.8180, -27.5183, 6.2986



226.5950, 14.0037, -58.4038



236.8030, 8.9711, 15.9588

Complementary

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



241.8180, -27.5183, 6.2986



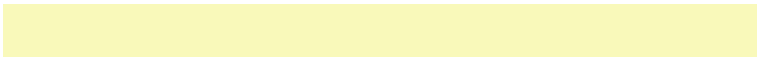
193.1820, 27.5183, -6.2986

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.



240.9120, 6.9454, 12.3552



241.8180, -27.5183, 6.2986



234.1030, 10.3022, -37.8013

Square

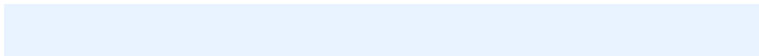
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241.8180, -27.5183, 6.2986



225.9970, 14.2985, -59.6334



240.7910, 7.0050, -6.8327



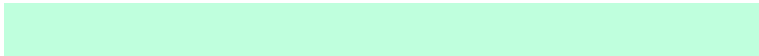
233.1380, -2.5330, 19.1730

Rectangle

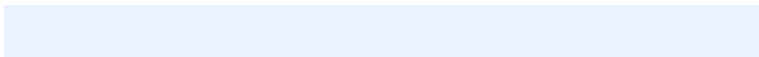
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241.8180, -27.5183, 6.2986



231.9880, -5.4171, -35.9465



240.7910, 7.0050, -6.8327



237.9770, 8.3923, 14.9292

Sweetspot

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



241.8180, -27.5183, 6.2986



252.7200, -8.7360, 1.9996



204.8370, -9.2866, 38.7310



126.5180, -5.6784, 1.2997



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

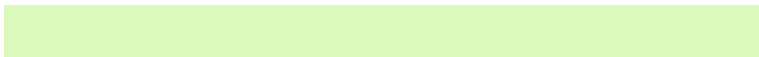
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.8180, -27.5183, 6.2986



246.3360, -33.1966, 7.5983



232.5490, -22.9487, -12.7595



123.5180, -5.6784, 1.2997



167.4540, -82.5548, 18.8958



54.0460, -26.6447, 6.0987

Inverse Universe

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



193.1820, 27.5183, -6.2986



187.6640, 33.1966, -7.5983



202.7500, 22.8013, 13.3743



113.4820, 5.6784, -1.2997



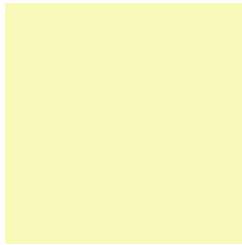
21.5460, 82.5548, -18.8958



6.9540, 26.6447, -6.0987

Previews

White Background



This preview shows how the YUV color 241.8180, -27.5183, 6.2986 looks on a white background.

Color Contrast Check

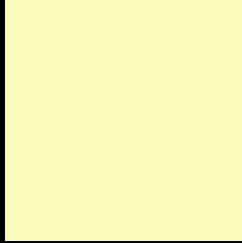
Large Text (above 18pt) WCAG AA × Fail

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 241.8180, -27.5183, 6.2986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

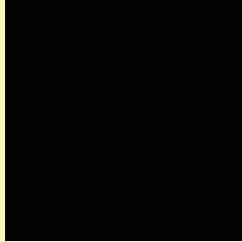
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 241.8180, -27.5183, 6.2986

Background



This preview shows how black text looks on a background with the YUV color 241.8180, -27.5183, 6.2986.

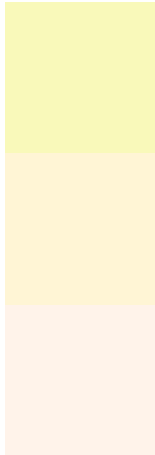


This preview shows how white text looks on a background with the YUV color 241.8180, -27.5183,

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

241.8180, -27.5183, 6.2986

Protanopia

244.3420, -15.4516, 9.3471

Deuteranopia

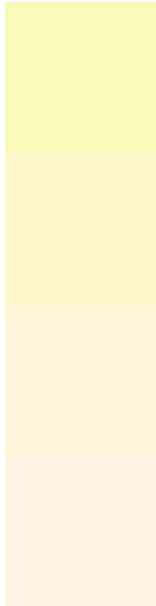
245.5620, -5.7001, 8.2771



Tritanopia

246.7820, 4.0515, 7.2072

Trichromacy



Original Color

241.8180, -27.5183, 6.2986

Protanomaly

243.1910, -19.8142, 8.6025

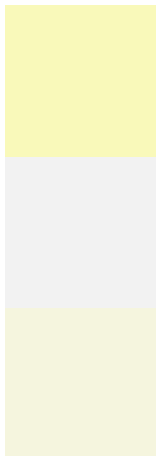
Deuteranomaly

244.2000, -13.4096, 7.7176

Tritanomaly

245.0950, -7.4418, 6.9327

Monochromacy



Original Color

241.8180, -27.5183, 6.2986

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

242.3780, -10.0464, 2.2995

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.8180, -27.5183, 6.2986 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(249, 249, 186)` looks like.

```
.text, #text, p{  
    color:rgb(249, 249, 186)  
}
```

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(249, 249, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 249, 186) }
```

Border

The CSS property to change the border of an element to YUV 241.8180, -27.5183, 6.2986 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(249, 249, 186) }
```


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

```
.border{ border-color:rgb(249, 249, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 249, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 249, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 249, 186); box-shadow:4px 4px 4px 4px rgb(249, 249, 186) }
```

Background

The CSS property to change the background color of an element to YUV 241.8180, -27.5183, 6.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 249, 186) }
```

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

```
.background{ background-color: rgb(249,  
249, 186) }
```

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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