

Converting Colors

YUV(241.2640, -27.2452,
12.0465)

Have a look what the booklet for
YUV(241.2640, -27.2452, 12.0465)
contains.

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Color

**YUV(241.2640, -27.2452,
12.0465)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF5BA
RGB	255, 245, 186
RGB Percent	100%, 96%, 73%
CMY	0.0000, 0.0392, 0.2706
CMYK	0.00, 0.04, 0.27, 0.00
HSL	51°, 100%, 86%
HSV	51°, 27%, 100%
XYZ	82.7553, 90.1100, 59.4857
YIQ	241.2640, 24.8990, -16.2290

Conversions

Conversions Part 2

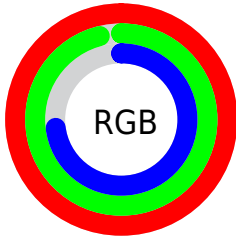
Format	Color
R _Y B	198, 255, 186
Decimal	16774586
CIE Lab	96.04, -5.50, 29.68
CIE LCh	96, 30.183, 100.494
Yxy	90.1100, 0.3562, 0.3878
Android (android.graphics.Color)	4294964666 (0xFFFFF5BA)
YUV	241.2640, -27.2452, 12.0465
Hunter-Lab	94.9263, -10.5073, 29.2942

Details

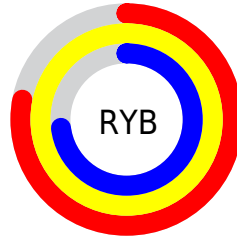
The YUV color $241.2640, -27.2452, 12.0465$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $199.7360, 27.2452, -12.0465$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5180, -5.6784, 1.2997$, and $185.1930, -26.2241, 11.2317$ is the 20% darker color. If you saturate the color by 10%, you get $236.0660, -37.0075, 16.6051$, and if you desaturate by 10%, it is $246.4620, -17.4828, 7.4878$.

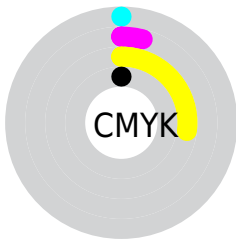
Distribution



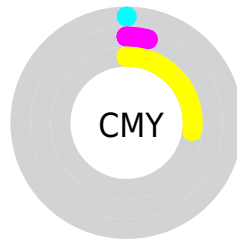
- Red (100%)
- Green (96%)
- Blue (73%)



- Red (78%)
- Yellow (100%)
- Blue (73%)



- Cyan (0%)
- Magenta (4%)
- Yellow (27%)
- Black (0%)



- Cyan (0%)
- Magenta (4%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.2640, -27.2452, 12.0465 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 241.2640, -27.2452, 12.0465 by changing the saturation by 10% instead.

■ 241.2640,
-27.2452, 12.0465

■ 241.2640,
-27.2452, 12.0465

■ 255.0000, 0.0000,
0.0000

■ 213.0790,
-26.6609, 11.3317

■ 253.5180, -5.6784,
1.2997

■ 185.1930,
-26.2241, 11.2317

■ 158.1220,
-25.2031, 10.4170

■ 131.9370,
-24.6189, 9.7023

■ 105.8660,
-23.5979, 8.8875

■ 81.6810, -23.0137,
8.1728

■ 58.1970, -22.2821,

6.8432

■ 37.2230, -18.3509,
5.9434

■ 17.7090, -8.7305,
0.2552

■ 241.2640,
-27.2452, 12.0465

■ 241.2640,
-27.2452, 12.0465

■ 236.0660,
-37.0075, 16.6051

■ 246.4620,
-17.4828, 7.4878

■ 231.3410,
-47.4961, 20.7489

■ 251.1870, -6.9942,
3.3440

■ 226.0290,
-57.6953, 25.4076

255.0000, 0.0000,
0.0000

■ 220.8310,
-67.4577, 29.9662

■ 216.1060,
-77.9463, 34.1100

■ 210.9080,
-87.7086, 38.6687

■ 205.7100,
-97.4710, 43.2273

■ 204.2110,
-100.6760, 44.5420

Harmonies

Analogous

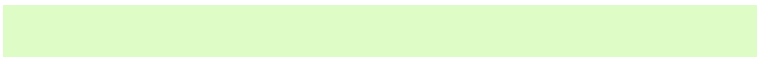
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.7360, -23.0408, 16.8945



241.2640, -27.2452, 12.0465



237.4610, -19.4543, -13.5593

Triad

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



241.2640, -27.2452, 12.0465



227.1930, 13.7089, -57.1743



237.3900, 8.6817, 15.4440

Complementary

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



241.2640, -27.2452, 12.0465



199.7360, 27.2452, -12.0465

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.



242.0860, 6.3666, 11.3256



241.2640, -27.2452, 12.0465



232.0100, 11.3341, -42.1048

Square

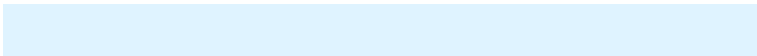
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241.2640, -27.2452, 12.0465



227.8620, 12.3930, -55.1300



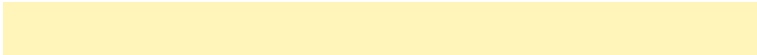
238.3880, 8.1897, -13.4953



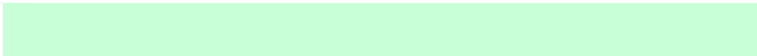
233.8220, 0.0878, 18.5731

Rectangle

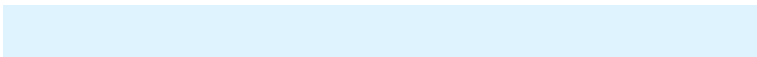
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241.2640, -27.2452, 12.0465



233.8810, -9.8013, -29.7136



238.3880, 8.1897, -13.4953



238.5640, 8.1029, 14.4144

Sweetspot

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



241.2640, -27.2452, 12.0465



250.9590, -7.8678, 3.5440



207.7710, -5.8031, 41.4198



125.3440, -5.0996, 2.3293



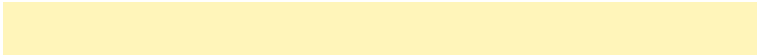
0.0000, 0.0000, 0.0000



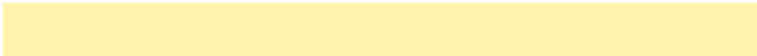
128.0000, 0.0000, 0.0000

Same Dimension

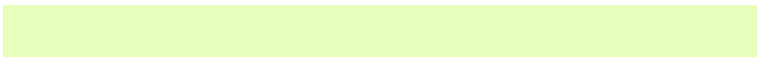
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.2640, -27.2452, 12.0465



238.6080, -32.3447, 14.3758



239.9580, -26.6013, -7.8562



125.3440, -5.0996, 2.3293



153.3770, -75.6149, 32.9954



51.4210, -25.3506, 11.0318

Inverse Universe

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



199.7360, 27.2452, -12.0465



189.3920, 32.3447, -14.3758



201.0420, 26.6013, 7.8562



117.6560, 5.0996, -2.3293



38.2100, 75.3255, -33.5102



12.5790, 25.3506, -11.0318

Previews

White Background



This preview shows how the YUV color 241.2640, -27.2452, 12.0465 looks on a white background.

Color Contrast Check

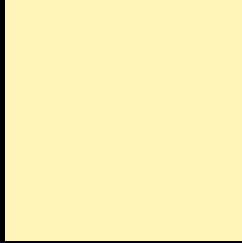
Large Text (above 18pt) WCAG AA × Fail

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 241.2640, -27.2452, 12.0465 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 241.2640, -27.2452, 12.0465

Background



This preview shows how black text looks on a background with the YUV color 241.2640, -27.2452, 12.0465.



This preview shows how white text looks on a background with the YUV color 241.2640, -27.2452, 12.0465.

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

241.2640, -27.2452, 12.0465

Protanopia

242.4840, -17.4936, 10.9765

Deuteranopia

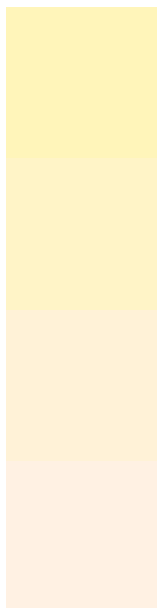
244.0460, -6.4317, 9.6067



Tritanopia

245.0380, 2.4463, 8.7367

Trichromacy



Original Color

241.2640, -27.2452, 12.0465

Protanomaly

242.1590, -21.2774, 11.2616

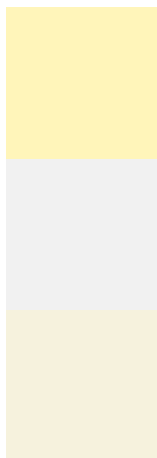
Deuteranomaly

242.8090, -13.7098, 10.6915

Tritanomaly

243.5900, -8.1789, 10.0066

Monochromacy



Original Color

241.2640, -27.2452, 12.0465

Achromatopsia

241.0000, 0.0000, 0.0000

Achromatomaly

240.8020, -9.7624, 4.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.2640, -27.2452, 12.0465 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(255, 245, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 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(255, 245, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 186) }
```

Border

The CSS property to change the border of an element to YUV 241.2640, -27.2452, 12.0465 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(255, 245, 186) }
```


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

```
.border{ border-color:rgb(255, 245, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 245, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 241.2640, -27.2452, 12.0465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 186) }
```

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

```
.background{ background-color: rgb(255,  
245, 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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