

Converting Colors

YUV(241.7040, -7.7421, 9.9066)

Have a look what the booklet for
YUV(241.7040, -7.7421, 9.9066)
contains.

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Color

**YUV(241.7040, -7.7421,
9.9066)**

Conversions

Conversions Part 1

Format	Color
Hex	FDFE2
RGB	253, 239, 226
RGB Percent	99%, 94%, 89%
CMY	0.0078, 0.0627, 0.1137
CMYK	0.00, 0.06, 0.11, 0.01
HSL	29°, 87%, 94%
HSV	29°, 11%, 99%
XYZ	85.1020, 88.1066, 84.4724
YIQ	241.7040, 12.5170, -1.0750

Conversions

Conversions Part 2

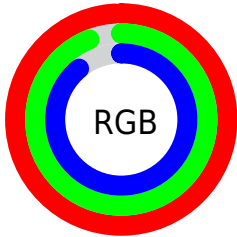
Format	Color
RYP	253, 251, 226
Decimal	16642018
CIELab	95.21, 2.58, 7.96
CIElCh	95, 8.369, 72.047
Yxy	88.1066, 0.3303, 0.3419
Android (android.graphics.Color)	4294832098 (0xFFFDFEF2)
YUV	241.7040, -7.7421, 9.9066
Hunter-Lab	93.8651, -2.4286, 12.3485

Details

The YUV color $241.7040, -7.7421, 9.9066$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $237.2960, 7.7421, -9.9066$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $185.5190, -7.1579, 9.1918$ is the 20% darker color. If you saturate the color by 10%, you get $231.2230, -14.8999, 19.0984$, and if you desaturate by 10%, it is $252.1850, -0.5842, 0.7148$.

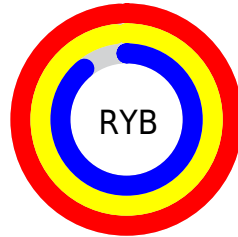
Distribution



Red (99%)

Green (94%)

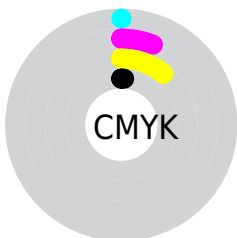
Blue (89%)



Red (99%)

Yellow (98%)

Blue (89%)

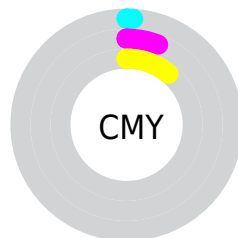


Cyan (0%)

Magenta (6%)

Yellow (11%)

Black (1%)



Cyan (1%)


Magenta (6%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.7040, -7.7421, 9.9066 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 241.7040, -7.7421, 9.9066 by changing the saturation by 10% instead.

 241.7040, -7.7421,
9.9066

 241.7040, -7.7421,
9.9066

255.0000, 0.0000,
0.0000


 213.4050, -7.5947,
9.2918

 185.5190, -7.1579,
9.1918

 158.5190, -7.1579,
9.1918

 132.3340, -6.5737,
8.4771

 107.3340, -6.5737,
8.4771

 83.0350, -6.4263,
7.8623

 59.8500, -5.8421,

7.1475

■ 38.5510, -5.6946,
6.5328

■ 16.5790, -8.1734,
8.2622

■ 241.7040, -7.7421,
9.9066

■ 241.7040, -7.7421,
9.9066

■ 231.2230,
-14.8999, 19.0984

■ 252.1850, -0.5842,
0.7148

■ 220.6280,
-22.4946, 28.3902

■ 254.4020, 0.2948,
-1.2296

■ 210.1470,
-29.6525, 37.5821

■ 199.6660,
-36.8103, 46.7739

■ 188.4840,
-44.1156, 56.5805

■ 178.0030,
-51.2735, 65.7724

■ 167.5220,
-58.4313, 74.9642

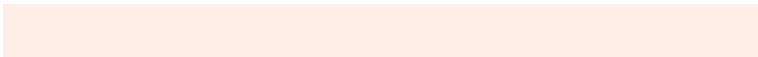
■ 157.0410,
-65.5892, 84.1560

■ 147.2610,
-72.5997, 92.7331

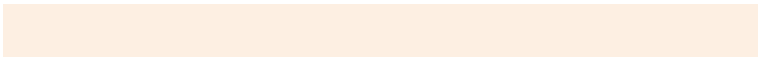
Harmonies

Analogous

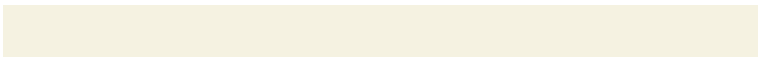
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.6980, -5.2741, 11.6659



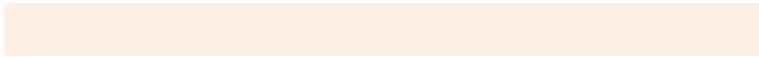
241.7040, -7.7421, 9.9066



240.9590, -7.8678, 3.5440

Triad

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



241.7040, -7.7421, 9.9066



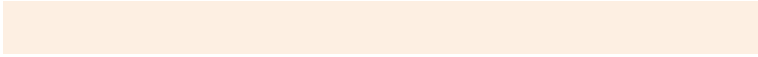
238.5960, 2.6642, -14.5547



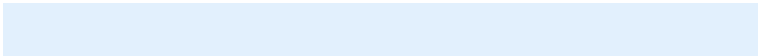
242.4010, 5.2253, 4.0333

Complementary

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



241.7040, -7.7421, 9.9066



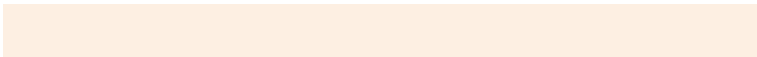
237.2960, 7.7421, -9.9066

Split Complementary

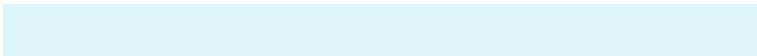
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.4000, 6.7048, -3.8588



241.7040, -7.7421, 9.9066



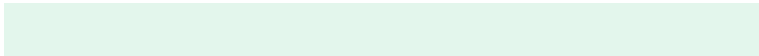
238.9210, 6.4479, -14.8397

Square

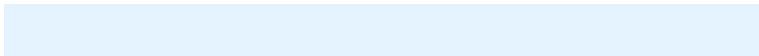
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241.7040, -7.7421, 9.9066



239.1790, -1.5672, -10.6810



239.8830, 7.4527, -10.4214



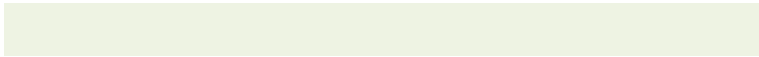
242.8210, 1.5672, 10.6810

Rectangle

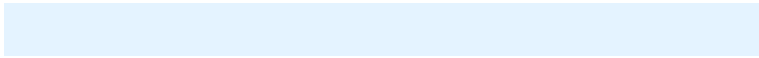
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241.7040, -7.7421, 9.9066



239.6810, -6.2517, -1.4742



239.8830, 7.4527, -10.4214



242.3190, 6.2517, 1.4742

Sweetspot

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



241.7040, -7.7421, 9.9066



251.7400, -2.3368, 2.8590



235.6690, 2.1352, 15.1993



125.5550, -1.7526, 2.1443



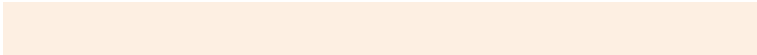
0.0000, 0.0000, 0.0000



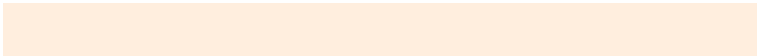
128.0000, 0.0000, 0.0000

Same Dimension

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



241.7040, -7.7421, 9.9066



241.2590, -9.4947, 12.0509



249.3350, -11.5042, 3.2142



122.4090, -3.6526, 4.9033



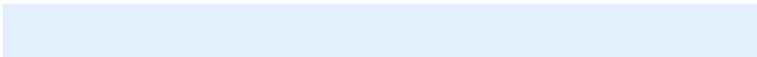
111.1130, -54.7787, 70.0609



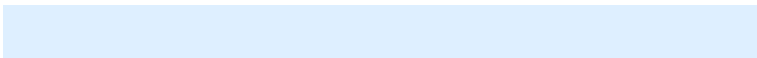
37.3330, -18.4052, 23.3870

Inverse Universe

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



237.2960, 7.7421, -9.9066



235.7410, 9.4947, -12.0509



229.6650, 11.5042, -3.2142



120.0040, 3.9420, -4.3885



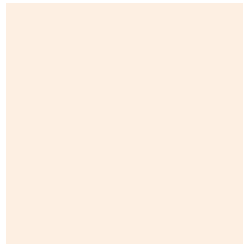
79.8870, 54.7787, -70.0609



26.6670, 18.4052, -23.3870

Previews

White Background



This preview shows how the YUV color 241.7040, -7.7421, 9.9066 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 241.7040, -7.7421, 9.9066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

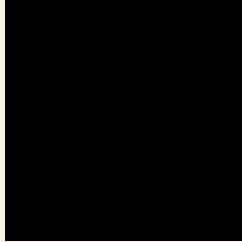
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 241.7040, -7.7421, 9.9066

Background



This preview shows how black text looks on a background with the YUV color 241.7040, -7.7421, 9.9066.



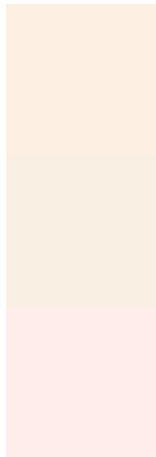
This preview shows how white text looks on a background with the YUV color 241.7040, -7.7421,

9.9066.

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

241.7040, -7.7421, 9.9066

Protanopia

241.2090, -7.0050, 6.8327

Deuteranopia

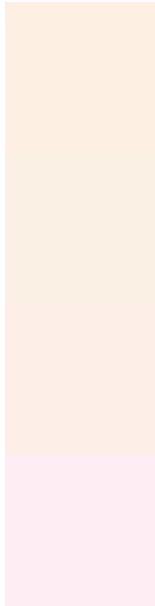
242.1540, -3.5269, 11.2659



Tritanopia

243.5050, 4.1880, 10.0811

Trichromacy



Original Color

241.7040, -7.7421, 9.9066

Protanomaly

241.5080, -7.1524, 7.4475

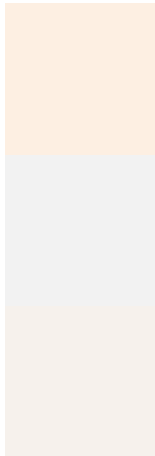
Deuteranomaly

242.1000, -4.9793, 10.4363

Tritanomaly

242.7670, 0.1149, 9.8513

Monochromacy



Original Color

241.7040, -7.7421, 9.9066

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

241.9250, -2.9210, 3.5738

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.7040, -7.7421, 9.9066 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(253, 239, 226)` looks like.

```
.text, #text, p{  
    color:rgb(253, 239, 226)  
}
```

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(253, 239, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 239, 226) }
```

Border

The CSS property to change the border of an element to YUV 241.7040, -7.7421, 9.9066 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(253, 239, 226) }
```


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

```
.border{ border-color:rgb(253, 239, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 239, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 239, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 239, 226);  
box-shadow:4px 4px 4px 4px rgb(253, 239,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 241.7040, -7.7421, 9.9066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 239, 226) }
```

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

```
.background{ background-color: rgb(253,  
239, 226) }
```

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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