

Converting Colors

YUV(246.5250, -9.6258, 7.4326)

Have a look what the booklet for
YUV(246.5250, -9.6258, 7.4326)
contains.

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Color

**YUV(246.5250, -9.6258,
7.4326)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF6E3
RGB	255, 246, 227
RGB Percent	100%, 96%, 89%
CMY	0.0000, 0.0353, 0.1098
CMYK	0.00, 0.04, 0.11, 0.00
HSL	41°, 100%, 95%
HSV	41°, 11%, 100%
XYZ	88.0609, 92.7176, 85.9280
YIQ	246.5250, 11.4630, -4.0010

Conversions

Conversions Part 2

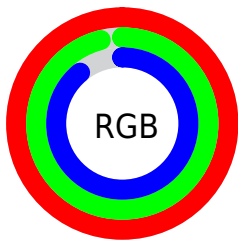
Format	Color
R _Y B	240, 255, 227
Decimal	16774883
CIE Lab	97.11, -0.12, 10.20
CIE LCh	97, 10.200, 90.667
Yxy	92.7176, 0.3302, 0.3476
Android (android.graphics.Color)	4294964963 (0xFFFFF6E3)
YUV	246.5250, -9.6258, 7.4326
Hunter-Lab	96.2900, -5.2623, 14.4933

Details

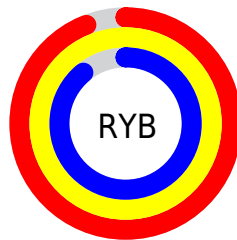
The YUV color $246.5250, -9.6258, 7.4326$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $235.4750, 9.6258, -7.4326$, and the grayscale version is $247.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $190.3400, -9.0416, 6.7178$ is the 20% darker color. If you saturate the color by 10%, you get $238.9790, -18.2306, 14.0504$, and if you desaturate by 10%, it is $254.0710, -1.0210, 0.8147$.

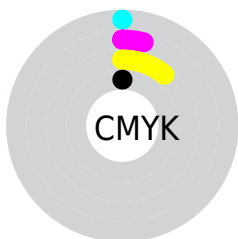
Distribution



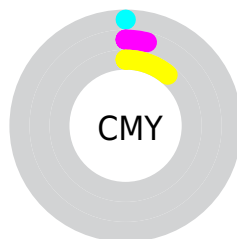
- Red (100%)
- Green (96%)
- Blue (89%)



- Red (94%)
- Yellow (100%)
- Blue (89%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (0%)





- Cyan (0%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 246.5250, -9.6258, 7.4326 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 246.5250, -9.6258, 7.4326 by changing the saturation by 10% instead.

 246.5250, -9.6258,
7.4326


 246.5250, -9.6258,
7.4326

255.0000, 0.0000,
0.0000


 218.2260, -9.4784,
6.8178

 190.3400, -9.0416,
6.7178

 163.3400, -9.0416,
6.7178

 136.4540, -8.6048,
6.6178

 111.2690, -8.0206,
5.9031

 87.2690, -8.0206,
5.9031

 64.0840, -7.4364,

5.1883

■ 41.8990, -6.8522,
4.4736

■ 20.8130, -9.7678,
6.3030

■ 246.5250, -9.6258,
7.4326

■ 246.5250, -9.6258,
7.4326

■ 238.9790,
-18.2306, 14.0504

■ 254.0710, -1.0210,
0.8147

■ 231.3190,
-27.2723, 20.7682

■ 255.0000, 0.0000,
0.0000

■ 223.0720,
-36.0245, 28.0009

■ 215.5260,
-44.6293, 34.6187

■ 207.8660,
-53.6709, 41.3365

■ 200.3200,
-62.2758, 47.9544

■ 192.7740,
-70.8806, 54.5722

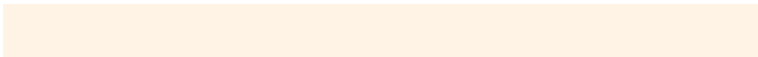
■ 184.5270,
-79.6328, 61.8048

■ 177.7960,
-87.6534, 67.7079

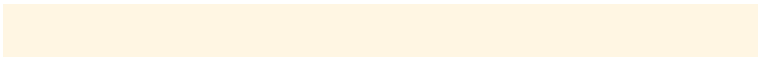
Harmonies

Analogous

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



245.1060, -7.4473, 8.6770



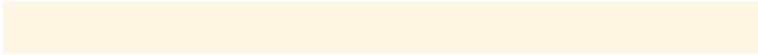
246.5250, -9.6258, 7.4326



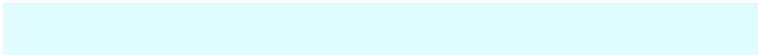
245.3390, -7.5621, -1.1743

Triad

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



246.5250, -9.6258, 7.4326



243.6710, 5.5852, -18.1285



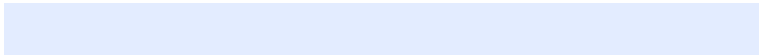
246.7820, 4.0515, 7.2072

Complementary

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



246.5250, -9.6258, 7.4326



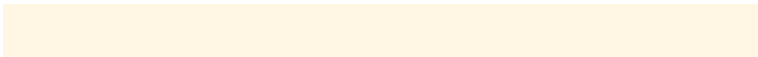
235.4750, 9.6258, -7.4326

Split Complementary

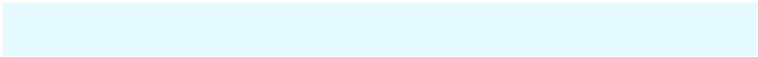
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246.7490, 4.0677, 1.9741



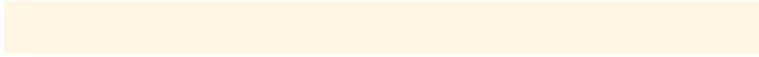
246.5250, -9.6258, 7.4326



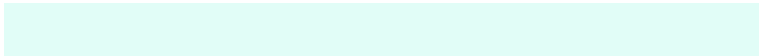
243.6930, 5.5744, -14.6398

Square

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



246.5250, -9.6258, 7.4326



243.9440, 1.5066, -16.6139



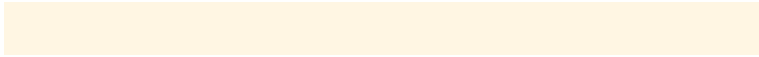
244.9220, 4.9685, -6.9476



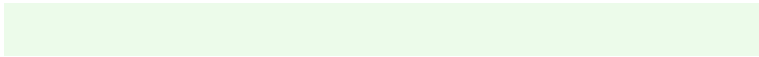
245.2830, 0.8465, 8.5218

Rectangle

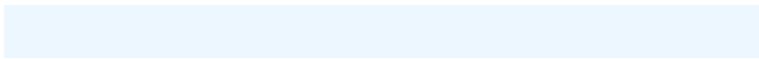
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



246.5250, -9.6258, 7.4326



244.5770, -5.2145, -7.5220



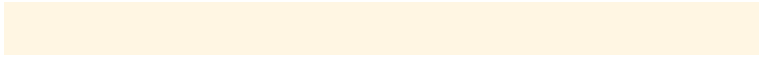
244.9220, 4.9685, -6.9476



247.3690, 3.7621, 6.6924

Sweetspot

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



246.5250, -9.6258, 7.4326



252.9140, -2.9156, 1.8294



236.3980, -0.1962, 16.3140



126.1420, -2.0420, 1.6295



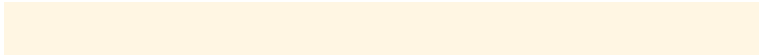
0.0000, 0.0000, 0.0000



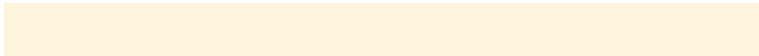
128.0000, 0.0000, 0.0000

Same Dimension

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



246.5250, -9.6258, 7.4326



244.7810, -11.2310, 8.9621



250.3130, -11.4933, -0.2745



123.5830, -4.2314, 3.8737



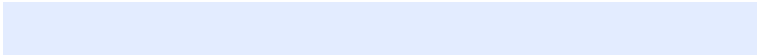
133.4190, -65.7756, 50.4985



44.3770, -21.8779, 17.2094

Inverse Universe

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



235.4750, 9.6258, -7.4326



232.2190, 11.2310, -8.9621



231.6870, 11.4933, 0.2745



118.8300, 4.5208, -3.3589



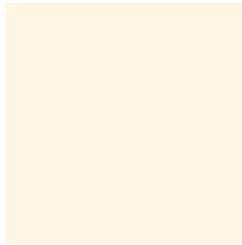
57.5810, 65.7756, -50.4985



19.0360, 22.1673, -16.6946

Previews

White Background



This preview shows how the YUV color 246.5250, -9.6258, 7.4326 looks on a white background.

Color Contrast Check

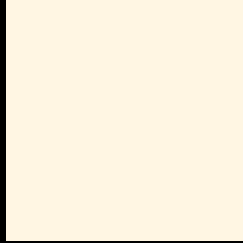
Large Text (above 18pt) WCAG AA × Fail

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 246.5250, -9.6258, 7.4326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

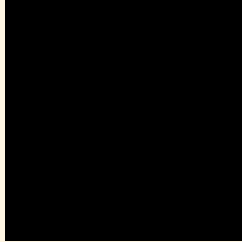
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 246.5250, -9.6258, 7.4326

Background



This preview shows how black text looks on a background with the YUV color 246.5250, -9.6258, 7.4326.



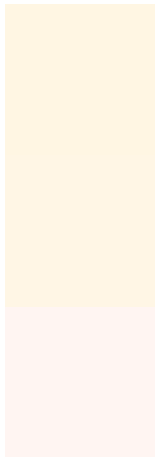
This preview shows how white text looks on a background with the YUV color 246.5250, -9.6258,

7.4326.

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

246.5250, -9.6258, 7.4326

Protanopia

246.7530, -8.7522, 7.2326

Deuteranopia

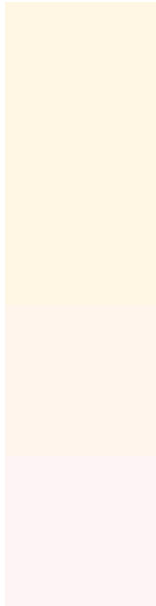
247.6480, -2.7845, 6.4477



Tritanopia

247.9560, 3.4727, 6.1776

Trichromacy



Original Color

246.5250, -9.6258, 7.4326

Protanomaly

246.6390, -9.1890, 7.3326

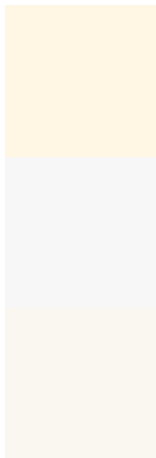
Deuteranomaly

247.0780, -4.9685, 6.9476

Tritanomaly

247.4030, -1.1847, 6.6626

Monochromacy



Original Color

246.5250, -9.6258, 7.4326

Achromatopsia

247.0000, 0.0000, 0.0000

Achromatomaly

247.0990, -3.4998, 2.5442

CSS Examples

Text

The CSS property to change the color of the text to YUV 246.5250, -9.6258, 7.4326 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, 246, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 227)  
}
```

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, 246, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 227) }
```

Border

The CSS property to change the border of an element to YUV 246.5250, -9.6258, 7.4326 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, 246, 227) }
```


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

```
.border{ border-color:rgb(255, 246, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 246.5250, -9.6258, 7.4326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 227) }
```

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

```
.background{ background-color: rgb(255,  
246, 227) }
```

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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