

# Converting Colors

YUV(246.6610, -12.6509,  
-2.3337)

Have a look what the booklet for  
YUV(246.6610, -12.6509, -2.3337)  
contains.

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# Color

**YUV(246.6610, -12.6509,  
-2.3337)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4FDDD
RGB	244, 253, 221
RGB Percent	96%, 99%, 87%
CMY	0.0431, 0.0078, 0.1333
CMYK	0.04, 0.00, 0.13, 0.01
HSL	77°, 89%, 93%
HSV	77°, 13%, 99%
XYZ	85.4847, 94.7041, 82.1808
YIQ	246.6610, 4.9080, -11.8600

# Conversions

## Conversions Part 2

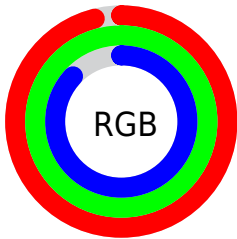
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">221, 253, 230</a>
Decimal	<a href="#">16055773</a>
CIELab	<a href="#">97.92, -8.38, 14.31</a>
CIELCh	<a href="#">98, 16.581, 120.345</a>
Yxy	<a href="#">94.7041, 0.3258, 0.3610</a>
Android (android.graphics.Color)	<a href="#">4294245853</a> ( <a href="#">0xFFFF4FDDD</a> )
YUV	<a href="#">246.6610, -12.6509, -2.3337</a>
Hunter-Lab	<a href="#">97.3160, -13.5046, 18.0524</a>

# Details

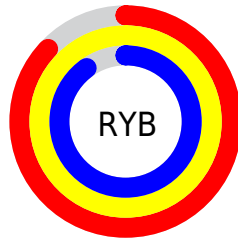
The YUV color  $246.6610, -12.6509, -2.3337$  is a light color, and the websafe version is hex  $FFFFCC$ . A complement of this color would be  $227.3390, 12.6509, 2.3337$ , and the grayscale version is  $247.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $190.1880, -11.9247, -1.9189$  is the 20% darker color. If you saturate the color by 10%, you get  $241.7180, -22.5390, -4.1377$ , and if you desaturate by 10%, it is  $251.6040, -2.7628, -0.5297$ .

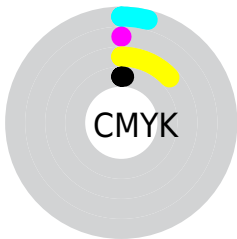
# Distribution



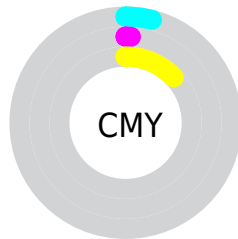
- Red (96%)
- Green (99%)
- Blue (87%)



- Red (87%)
- Yellow (99%)
- Blue (90%)



- Cyan (4%)
- Magenta (0%)
- Yellow (13%)
- Black (1%)



- Cyan (4%)
- Magenta (1%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 246.6610, -12.6509, -2.3337 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 246.6610, -12.6509, -2.3337 by changing the saturation by 10% instead.



246.6610,  
-12.6509, -2.3337

246.6610,  
-12.6509, -2.3337

255.0000, 0.0000,  
0.0000

218.0740,  
-12.3615, -1.8189

190.1880,  
-11.9247, -1.9189

163.3020,  
-11.4879, -2.0189

137.0030,  
-11.3405, -2.6336

111.4160,  
-11.0511, -2.1188

87.2310, -10.4669,  
-2.8336

63.7580, -9.7407,

-2.4188

■ 41.8720, -9.3039,  
-2.5187

■ 21.2420, -10.4723,  
-1.0892

■ 246.6610,  
-12.6509, -2.3337

■ 246.6610,  
-12.6509, -2.3337

■ 241.7180,  
-22.5390, -4.1377

■ 251.6040, -2.7628,  
-0.5297

■ 236.6610,  
-32.8639, -5.8417

■ 253.8260, 0.5788,  
1.0296

■ 231.7180,  
-42.7520, -7.6457

■ 226.7750,  
-52.6401, -9.4497

■ 221.5330,  
-62.3808, -11.8684

■ 216.4760,  
-72.7057, -13.5725

■ 211.5330,  
-82.5938, -15.3764

■ 206.5900,  
-92.4819, -17.1804

■ 202.9290,  
-100.0440, -18.3547

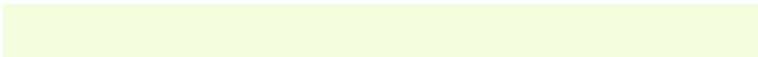
# Harmonies

## Analogous

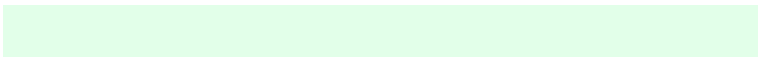
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246.5590, -14.5726, 7.4028



246.6610, -12.6509, -2.3337



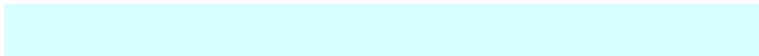
243.8210, -5.3348, -15.6290

# Triad

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



246.6610, -12.6509, -2.3337



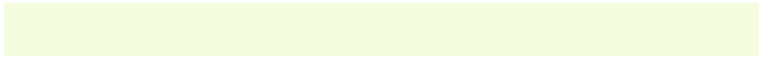
243.0400, 5.8963, -24.5911



244.3370, 2.2989, 9.3515

# Complementary

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



246.6610, -12.6509, -2.3337



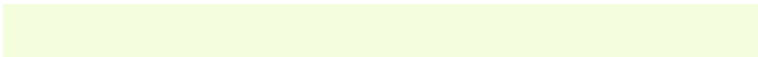
227.3390, 12.6509, 2.3337

# Split Complementary

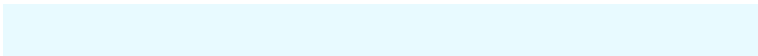
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246.1950, 4.3409, 7.7220



246.6610, -12.6509, -2.3337



245.1880, 4.8373, -11.5659

# Square

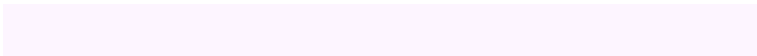
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



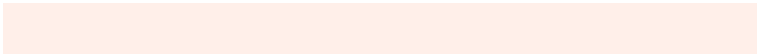
246.6610, -12.6509, -2.3337



240.9470, 6.9281, -28.8945



248.5320, 3.1887, 3.9184

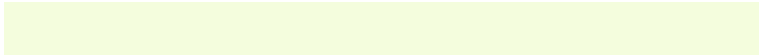


243.1000, -4.9793, 10.4363

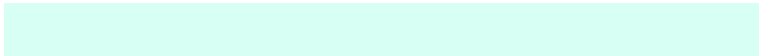


# Rectangle

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



246.6610, -12.6509, -2.3337



241.9710, 0.5073, -22.7766



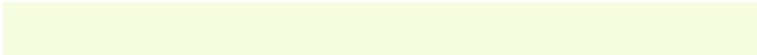
248.5320, 3.1887, 3.9184



245.0210, 4.9196, 8.7516

# Sweetspot

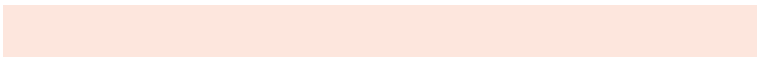
The Sweet Spot groups the original color and five complimentary colors.



246.6610, -12.6509, -2.3337



252.9630, -3.9258, -0.8446



235.8510, -7.3215, 15.0397



126.6040, -2.7628, -0.5297



0.0000, 0.0000, 0.0000

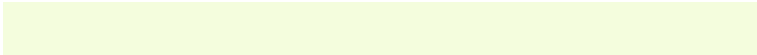


128.0000, 0.0000, 0.0000

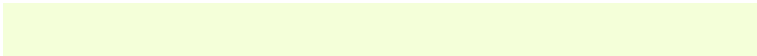


# Same Dimension

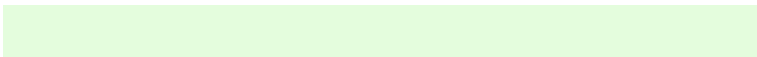
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246.6610, -12.6509, -2.3337



247.3790, -14.9768, -2.9634



241.8770, -10.2924, -12.1701



125.3220, -5.0887, -1.1594



153.0800, -75.4684, -14.1022



51.3220, -25.3017, -4.6674



# Inverse Universe

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



227.3390, 12.6509, 2.3337



224.6210, 14.9768, 2.9634



232.1230, 10.2924, 12.1701



117.3790, 5.2362, 0.5446



37.9200, 75.4684, 14.1022



12.6780, 25.3017, 4.6674



# Previews

## White Background



This preview shows how the YUV color 246.6610, -12.6509, -2.3337 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

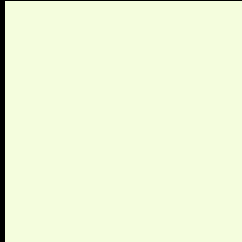
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 246.6610, -12.6509, -2.3337 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

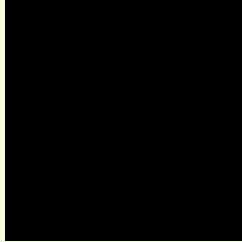
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

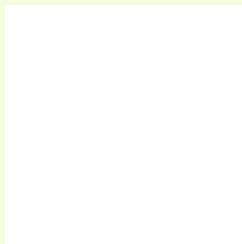
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 246.6610, -12.6509, -2.3337

## Background



This preview shows how black text looks on a background with the YUV color 246.6610, -12.6509, -2.3337.



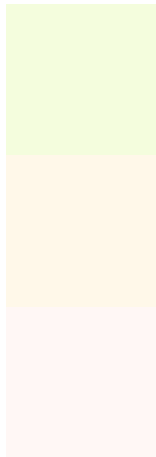
This preview shows how white text looks on a background with the YUV color 246.6610, -12.6509, -2.3337.

-2.3337.

# 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

246.6610, -12.6509, -2.3337

### Protanopia

248.3830, -7.5838, 5.8031

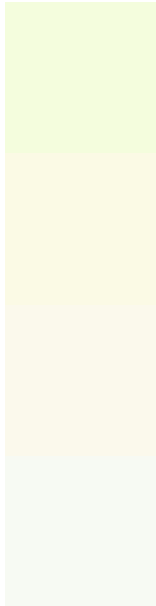
### Deuteranopia

249.1640, -2.0529, 5.1182

## **Tritanopia**

249.0970, 2.9102, -0.0851

# Trichromacy



## Original Color

246.6610, -12.6509, -2.3337

## Protanomaly

247.9050, -9.3202, 2.7143

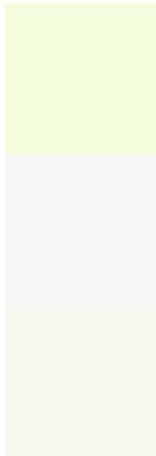
## Deuteranomaly

248.1160, -5.9732, 2.5293

## Tritanomaly

248.3050, -2.6154, -1.1445

# Monochromacy



## Original Color

246.6610, -12.6509, -2.3337

## Achromatopsia

247.0000, 0.0000, 0.0000

## Achromatomaly

246.8490, -4.3626, -0.7446

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 246.6610, -12.6509, -2.3337 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(244, 253, 221)` looks like.

```
.text, #text, p{  
    color:rgb(244, 253, 221)  
}
```

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(244, 253, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 253, 221) }
```

## Border

The CSS property to change the border of an element to YUV 246.6610, -12.6509, -2.3337 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(244, 253, 221) }
```



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

```
.border{ border-color:rgb(244, 253, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 253, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 253, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 253, 221);  
box-shadow:4px 4px 4px 4px rgb(244, 253,  
221) }
```

# Background

The CSS property to change the background color of an element to YUV 246.6610, -12.6509, -2.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 253, 221) }
```

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

```
.background{ background-color: rgb(244,  
253, 221) }
```

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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