

# Converting Colors

YUV(246.9130, 2.0149, 7.0923)

Have a look what the booklet for  
YUV(246.9130, 2.0149, 7.0923)  
contains.

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# Color

**YUV(246.9130, 2.0149,  
7.0923)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF2FB
RGB	255, 242, 251
RGB Percent	100%, 95%, 98%
CMY	0.0000, 0.0510, 0.0157
CMYK	0.00, 0.05, 0.02, 0.00
HSL	318°, 100%, 97%
HSV	318°, 5%, 100%
XYZ	90.4047, 91.7293, 104.2075
YIQ	246.9130, 4.8590, 5.5550

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 242, 251
Decimal	16773883
CIE Lab	96.71, 5.91, -2.77
CIE LCh	97, 6.523, 334.886
Yxy	91.7293, 0.3157, 0.3203
Android (android.graphics.Color)	4294963963 (0xFFFFF2FB)
YUV	246.9130, 2.0149, 7.0923
Hunter-Lab	95.7754, 0.8835, 2.5329

# Details

The YUV color `246.9130, 2.0149, 7.0923` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `250.0870, -2.0149, -7.0923`, 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 `190.6140, 2.1623, 6.4775` is the 20% darker color. If you saturate the color by 10%, you get `231.3260, 5.7553, 20.7621`, and if you desaturate by 10%, it is `255.0000, 0.0000, 0.0000`.

# Distribution



Red (100%)

Green (95%)

Blue (98%)



Red (100%)

Yellow (95%)

Blue (98%)



Cyan (0%)

Magenta (5%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (5%)


Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 246.9130, 2.0149, 7.0923 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 246.9130, 2.0149, 7.0923 by changing the saturation by 10% instead.




 246.9130, 2.0149,  
7.0923


 246.9130, 2.0149,  
7.0923

255.0000, 0.0000,  
0.0000


 218.5000, 1.7255,  
6.5775

 190.6140, 2.1623,  
6.4775

 163.5000, 1.7255,  
6.5775

 137.2010, 1.8729,  
5.9627

 112.0870, 1.4361,  
6.0627

 87.2010, 1.8729,  
5.9627

 63.7880, 1.5835,

5.4479

■ 42.3750, 1.2941,  
4.9331

■ 21.4890, 1.7309,  
4.8331

■ 246.9130, 2.0149,  
7.0923

■ 246.9130, 2.0149,  
7.0923

■ 231.3260, 5.7553,  
20.7621

255.0000, 0.0000,  
0.0000

■ 215.1520, 9.7851,  
34.9467

■ 198.9780, 13.8148,  
49.1313

■ 183.5050, 17.9920,  
62.7011

■ 167.3310, 22.0218,  
76.8857

■ 151.7440, 25.7622,  
90.5555

■ 135.5700, 29.7920,  
104.7401

■ 119.9830, 33.5324,  
118.4099

■ 103.8090, 37.5622,  
132.5945

# Harmonies

## Analogous

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



246.4500, 4.2152, 1.3594



246.9130, 2.0149, 7.0923



245.6420, -0.3165, 8.2070

# Triad

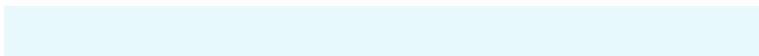
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246.9130, 2.0149, 7.0923



245.1270, -5.9786, 4.2736



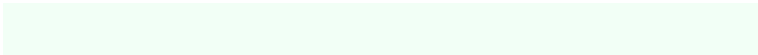
243.9600, 3.9637, -11.3659

# Complementary

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



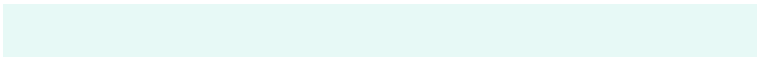
246.9130, 2.0149, 7.0923



250.0870, -2.0149, -7.0923

# 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.



243.2760, 1.3429, -10.7661



246.9130, 2.0149, 7.0923



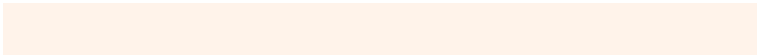
244.4360, -4.6519, -1.2594

# Square

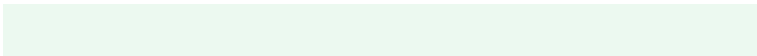
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



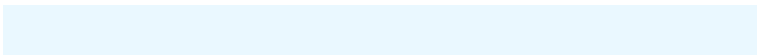
246.9130, 2.0149, 7.0923



245.5620, -5.7001, 8.2771



244.0870, -2.0149, -7.0923



244.6120, 5.1213, -9.3067



# Rectangle

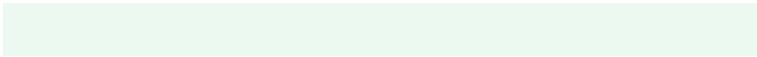
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



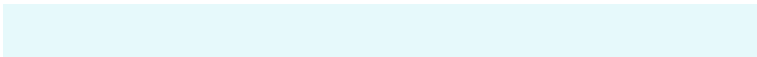
246.9130, 2.0149, 7.0923



245.6590, -2.7899, 8.1921



244.0870, -2.0149, -7.0923



243.5470, 3.6743, -11.8807

# Sweetspot

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



246.9130, 2.0149, 7.0923



251.8370, 0.5734, 2.7740



244.6780, 5.0887, 1.1594



126.1250, 0.4314, 1.6444



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

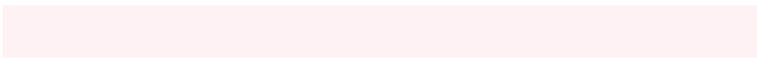
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246.9130, 2.0149, 7.0923



245.6250, 2.1569, 8.2219



246.2290, -0.6059, 7.6922



122.3750, 1.2941, 4.9331



72.1570, 29.5026, 104.2253



24.1520, 9.7851, 34.9467



# Inverse Universe

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



246.9130, 2.0149, 7.0923



245.6250, 2.1569, 8.2219



250.7710, 0.6059, -7.6922



122.3750, 1.2941, 4.9331



72.1570, 29.5026, 104.2253

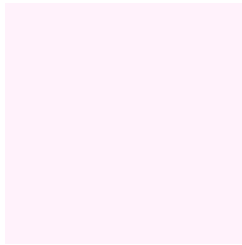


24.1520, 9.7851, 34.9467



# Previews

## White Background



This preview shows how the YUV color 246.9130, 2.0149, 7.0923 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

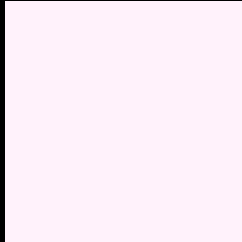
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 246.9130, 2.0149, 7.0923 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 246.9130, 2.0149, 7.0923

## Background



This preview shows how black text looks on a background with the YUV color 246.9130, 2.0149, 7.0923.



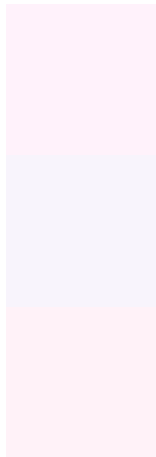
This preview shows how white text looks on a background with the YUV color 246.9130, 2.0149,

7.0923.

# 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

246.9130, 2.0149, 7.0923

### Protanopia

246.1080, 2.9048, 1.6593

### Deuteranopia

246.5710, 0.7045, 7.3922



## Tritanopia

246.7710, 4.0569, 5.4628

# Trichromacy



**Original Color**

246.9130, 2.0149, 7.0923

**Protanomaly**

246.4180, 2.7519, 4.0184

**Deuteranomaly**

246.6850, 1.1413, 7.2923

**Tritanomaly**

246.9560, 3.4727, 6.1776

# Monochromacy



**Original Color**

246.9130, 2.0149, 7.0923

**Achromatopsia**

247.0000, 0.0000, 0.0000

**Achromatomaly**

246.8370, 0.5734, 2.7740

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 246.9130, 2.0149, 7.0923 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, 242, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 251)  
}
```

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, 242, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 251) }
```

## Border

The CSS property to change the border of an element to YUV 246.9130, 2.0149, 7.0923 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, 242, 251) }
```



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

```
.border{ border-color:rgb(255, 242, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 242, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
251) }
```

# Background

The CSS property to change the background color of an element to YUV 246.9130, 2.0149, 7.0923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 251) }
```

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

```
.background{ background-color: rgb(255,  
242, 251) }
```

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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