

# Converting Colors

YUV(236.7980, 6.5086, 12.4552)

Have a look what the booklet for  
YUV(236.7980, 6.5086, 12.4552)  
contains.

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# Color

**YUV(236.7980, 6.5086,  
12.4552)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBE3FA
RGB	251, 227, 250
RGB Percent	98%, 89%, 98%
CMY	0.0157, 0.1098, 0.0196
CMYK	0.00, 0.10, 0.00, 0.02
HSL	302°, 75%, 94%
HSV	302°, 10%, 98%
XYZ	84.5081, 82.3495, 101.8835
YIQ	236.7980, 6.9210, 12.2410

# Conversions

## Conversions Part 2

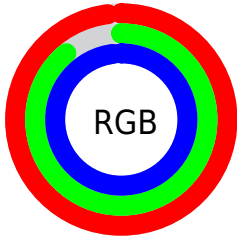
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	251, 227, 250
Decimal	16507898
CIE <sub>Lab</sub>	92.73, 12.13, -8.16
CIE <sub>LCh</sub>	93, 14.619, 326.090
Yxy	82.3495, 0.3145, 0.3064
Android (android.graphics.Color)	4294697978 (0xFFFBE3FA)
YUV	236.7980, 6.5086, 12.4552
Hunter-Lab	90.7466, 7.4220, -3.0437

# Details

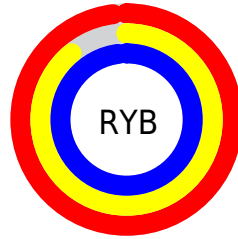
The YUV color  $236.7980, 6.5086, 12.4552$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $241.2020, -6.5086, -12.4552$ , and the grayscale version is  $237.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $181.0860, 6.3666, 11.3256$  is the 20% darker color. If you saturate the color by 10%, you get  $222.0090, 13.3066, 25.4251$ , and if you desaturate by 10%, it is  $251.5870, -0.2894, -0.5148$ .

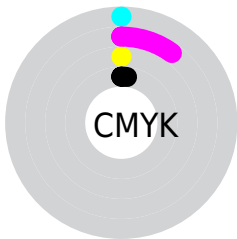
# Distribution



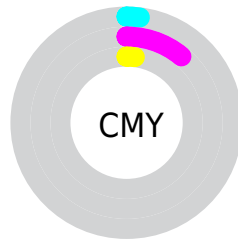
- Red (98%)
- Green (89%)
- Blue (98%)



- Red (98%)
- Yellow (89%)
- Blue (98%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)




- Cyan (2%)
- Magenta (11%)
- Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 236.7980, 6.5086, 12.4552 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 236.7980, 6.5086, 12.4552 by changing the saturation by 10% instead.




 236.7980, 6.5086,  
12.4552

 236.7980, 6.5086,  
12.4552

255.0000, 0.0000,  
0.0000


 208.3850, 6.2192,  
11.9404

 181.0860, 6.3666,  
11.3256

 153.9720, 5.9298,  
11.4256

 127.9720, 5.9298,  
11.4256

 103.2600, 5.7878,  
10.2960

 78.8470, 5.4984,  
9.7812

 55.8470, 5.4984,

9.7812

■ 34.0210, 4.9196,  
8.7516

■ 10.7980, 6.5086,  
12.4552

■ 236.7980, 6.5086,  
12.4552

■ 236.7980, 6.5086,  
12.4552

■ 222.0090, 13.3066,  
25.4251

■ 251.5870, -0.2894,  
-0.5148

■ 207.2200, 20.1045,  
38.3951

■ 253.4620, -0.7208,  
-2.1592

■ 192.4310, 26.9025,  
51.3650

■ 253.5760, -0.2840,  
-2.2592

■ 177.6420, 33.7005,  
64.3350

■ 253.6900, 0.1528,  
-2.3591

■ 162.8530, 40.4985,  
77.3049

■ 253.8040, 0.5896,  
-2.4591

■ 147.4770, 47.5858,  
90.7897

■ 132.6880, 54.3838,  
103.7596

■ 117.8990, 61.1818,  
116.7296

■ 103.1100, 67.9798,  
129.6995

# Harmonies

## Analogous

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



234.9320, 9.8935, 0.0596



236.7980, 6.5086, 12.4552



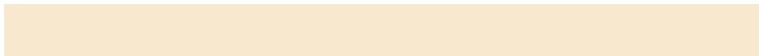
235.2240, 0.3826, 17.3436

# Triad

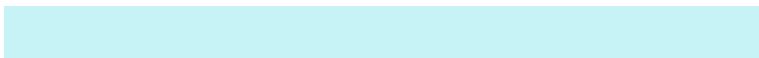
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.7980, 6.5086, 12.4552



233.8200, -13.7153, 12.4359



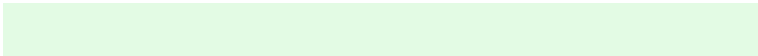
229.5990, 8.0857, -26.8353

# Complementary

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



236.7980, 6.5086, 12.4552



241.2020, -6.5086, -12.4552

# 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.



229.4980, 1.2335, -22.3617



236.7980, 6.5086, 12.4552



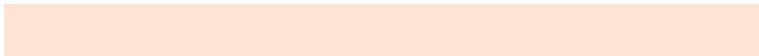
232.3130, -11.4933, -0.2745

# Square

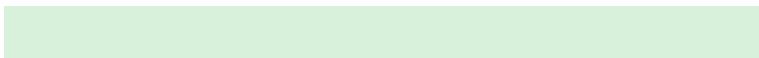
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.7980, 6.5086, 12.4552



234.1350, -11.4056, 18.2986



230.9030, -6.3612, -13.0699



230.9460, 11.8586, -23.6316

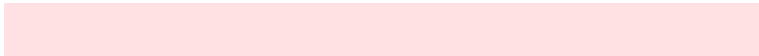


# Rectangle

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



236.7980, 6.5086, 12.4552



234.1980, -3.5486, 18.2434



230.9030, -6.3612, -13.0699



229.6160, 5.6123, -26.8502

# Sweetspot

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



236.7980, 6.5086, 12.4552



250.3040, 2.3151, 4.1184



230.0350, 10.3357, -1.7847



124.3640, 1.2995, 3.1888



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.



236.7980, 6.5086, 12.4552



238.4500, 7.6662, 14.5144



235.4300, 1.2670, 13.6549



117.2550, 3.3253, 6.7924



77.1450, 51.2005, 98.0968



24.9650, 16.7793, 31.6027



# Inverse Universe

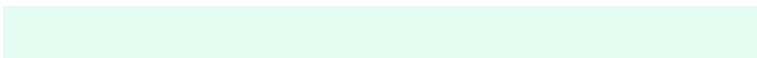
The Inverse Universe completely reimagines the original color for something new.



236.7980, 6.5086, 12.4552



238.4500, 7.6662, 14.5144



242.5700, -1.2670, -13.6549



117.2550, 3.3253, 6.7924



77.1450, 51.2005, 98.0968

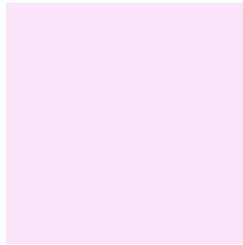


24.9650, 16.7793, 31.6027



# Previews

## White Background



This preview shows how the YUV color 236.7980, 6.5086, 12.4552 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

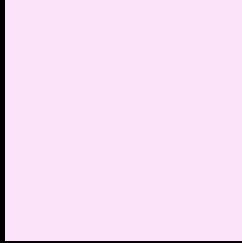
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 236.7980, 6.5086, 12.4552 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

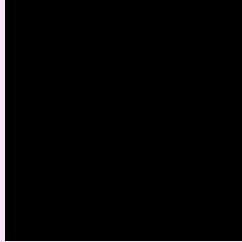
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

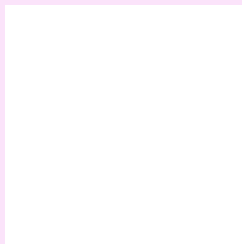
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 236.7980, 6.5086, 12.4552

## Background



This preview shows how black text looks on a background with the YUV color 236.7980, 6.5086, 12.4552.



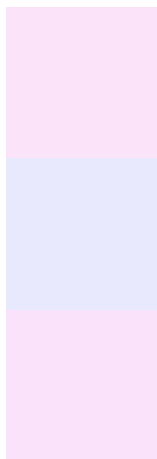
This preview shows how white text looks on a background with the YUV color 236.7980, 6.5086,

12.4552.

# 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

236.7980, 6.5086, 12.4552

### Protanopia

235.2800, 8.7360, -1.9996

### Deuteranopia

236.4990, 6.6560, 11.8404



## Tritanopia

236.6300, 4.6194, 11.7255

# Trichromacy



## Original Color

236.7980, 6.5086, 12.4552

## Protanomaly

236.0850, 7.8461, 3.4335

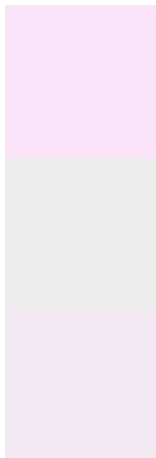
## Deuteranomaly

236.4990, 6.6560, 11.8404

## Tritanomaly

236.7440, 5.0562, 11.6255

# Monochromacy



## Original Color

236.7980, 6.5086, 12.4552

## Achromatopsia

237.0000, 0.0000, 0.0000

## Achromatomaly

236.7170, 2.6045, 4.6332

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 236.7980, 6.5086, 12.4552 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(251, 227, 250)` looks like.

```
.text, #text, p{  
    color:rgb(251, 227, 250)  
}
```

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(251, 227, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 227, 250) }
```

## Border

The CSS property to change the border of an element to YUV 236.7980, 6.5086, 12.4552 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(251, 227, 250) }
```



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

```
.border{ border-color:rgb(251, 227, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 227, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 227, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 227, 250);  
box-shadow:4px 4px 4px 4px rgb(251, 227,  
250) }
```

# Background

The CSS property to change the background color of an element to YUV 236.7980, 6.5086, 12.4552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 227, 250) }
```

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

```
.background{ background-color: rgb(251,  
227, 250) }
```

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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