

# Converting Colors

YUV(241.2550, 3.3253, 6.7924)

Have a look what the booklet for  
YUV(241.2550, 3.3253, 6.7924)  
contains.

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# Color

**YUV(241.2550, 3.3253,  
6.7924)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9ECF8
RGB	249, 236, 248
RGB Percent	98%, 93%, 97%
CMY	0.0235, 0.0745, 0.0275
CMYK	0.00, 0.05, 0.00, 0.02
HSL	305°, 52%, 95%
HSV	305°, 5%, 98%
XYZ	86.0057, 86.9080, 101.0489
YIQ	241.2550, 3.8960, 6.4880

# Conversions

## Conversions Part 2

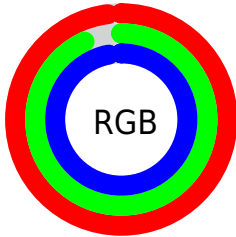
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	249, 236, 248
Decimal	16379128
CIE Lab	94.70, 6.46, -4.22
CIE LCh	95, 7.720, 326.840
Yxy	86.9080, 0.3139, 0.3172
Android (android.graphics.Color)	4294569208 (0xFFFF9ECF8)
YUV	241.2550, 3.3253, 6.7924
Hunter-Lab	93.2244, 1.5352, 0.9908

# Details

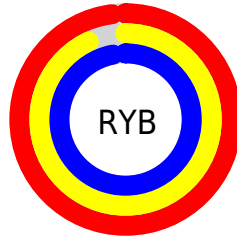
The YUV color  $241.2550, 3.3253, 6.7924$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $243.7450, -3.3253, -6.7924$ , and the grayscale version is  $241.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $185.2550, 3.3253, 6.7924$  is the 20% darker color. If you saturate the color by 10%, you get  $226.3520, 9.6865, 19.8623$ , and if you desaturate by 10%, it is  $252.6360, -1.2995, -3.1888$ .

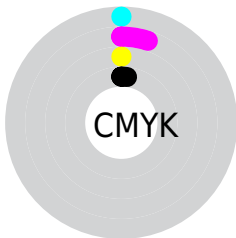
# Distribution



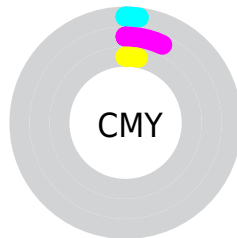
- Red (98%)
- Green (93%)
- Blue (97%)



- Red (98%)
- Yellow (93%)
- Blue (97%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)




- Cyan (2%)
- Magenta (7%)
- Yellow (3%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 241.2550, 3.3253, 6.7924 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 241.2550, 3.3253, 6.7924 by changing the saturation by 10% instead.




 241.2550, 3.3253,  
6.7924

 241.2550, 3.3253,  
6.7924

255.0000, 0.0000,  
0.0000


 212.8420, 3.0359,  
6.2776

 185.2550, 3.3253,  
6.7924

 157.9560, 3.4727,  
6.1776

 131.8420, 3.0359,  
6.2776

 106.8420, 3.0359,  
6.2776

 82.4290, 2.7465,  
5.7628

 60.0160, 2.4571,

5.2480

■ 38.0160, 2.4571,  
5.2480

■ 16.5430, 3.1833,  
5.6628

■ 241.2550, 3.3253,  
6.7924

■ 241.2550, 3.3253,  
6.7924

■ 226.3520, 9.6865,  
19.8623

■ 252.6360, -1.2995,  
-3.1888

■ 211.4490, 16.0476,  
32.9322

■ 252.8640, -0.4260,  
-3.3887

■ 196.5460, 22.4088,  
46.0022

■ 253.0920, 0.4476,  
-3.5887

■ 181.6430, 28.7700,  
59.0721

■ 253.2060, 0.8844,  
-3.6887

■ 167.3270, 34.8418,  
71.6272

■ 152.5380, 41.6398,  
84.5972

■ 137.6350, 48.0009,  
97.6671

■ 122.7320, 54.3621,  
110.7370

■ 107.8290, 60.7233,  
123.8070

# Harmonies

## Analogous

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



240.3080, 6.2572, -0.2701



241.2550, 3.3253, 6.7924



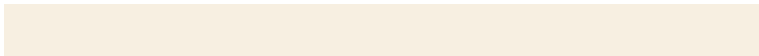
241.6640, -0.3274, 11.6957

# Triad

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



241.2550, 3.3253, 6.7924



239.7960, -7.2944, 6.3179



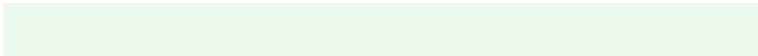
237.6500, 4.1165, -13.7251

# Complementary

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



241.2550, 3.3253, 6.7924



243.7450, -3.3253, -6.7924

# 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.



237.4500, 0.7642, -11.7956



241.2550, 3.3253, 6.7924



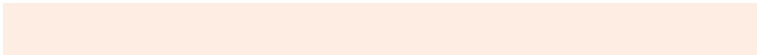
238.6920, -6.2572, 0.2701

# Square

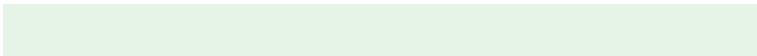
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



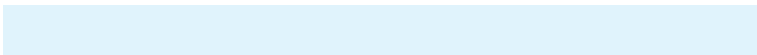
241.2550, 3.3253, 6.7924



240.9430, -6.8739, 11.4510



237.7450, -3.3253, -6.7924



238.3450, 6.7319, -12.5806



# Rectangle

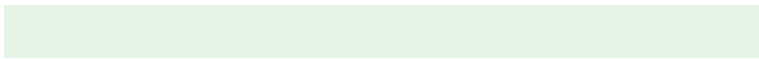
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241.2550, 3.3253, 6.7924



241.0940, -2.5113, 12.1956



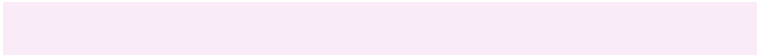
237.7450, -3.3253, -6.7924



237.4220, 3.2430, -13.5251

# Sweetspot

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



241.2550, 3.3253, 6.7924



252.0650, 1.4470, 2.5740



237.7810, 5.5310, -0.6849



126.1250, 0.4314, 1.6444



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

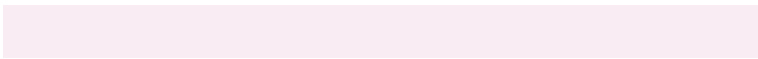
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.2550, 3.3253, 6.7924



246.0810, 3.9041, 7.8220



240.5710, 0.7045, 7.3922



119.6030, 2.1677, 4.7332



76.3470, 48.1429, 98.7967



24.6230, 15.4689, 31.9026



# Inverse Universe

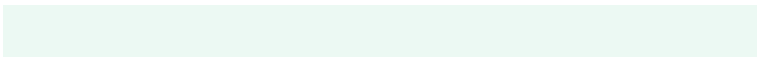
The Inverse Universe completely reimagines the original color for something new.



241.2550, 3.3253, 6.7924



246.0810, 3.9041, 7.8220



244.4290, -0.7045, -7.3922



119.6030, 2.1677, 4.7332



76.3470, 48.1429, 98.7967

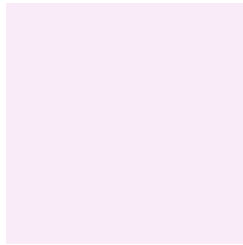


24.6230, 15.4689, 31.9026



# Previews

## White Background



This preview shows how the YUV color 241.2550, 3.3253, 6.7924 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

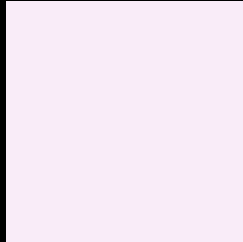
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 241.2550, 3.3253, 6.7924 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

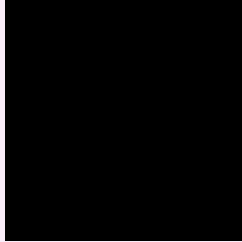
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 241.2550, 3.3253, 6.7924

## Background



This preview shows how black text looks on a background with the YUV color 241.2550, 3.3253, 6.7924.



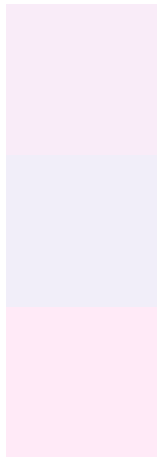
This preview shows how white text looks on a background with the YUV color 241.2550, 3.3253,

6.7924.

# 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

241.2550, 3.3253, 6.7924

### Protanopia

240.1510, 4.3626, 0.7446

### Deuteranopia

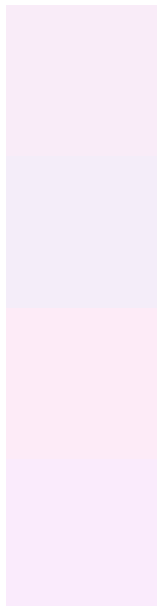
241.7610, 2.5828, 11.6106



## Tritanopia

241.6510, 6.0881, 7.3221

# Trichromacy



## Original Color

241.2550, 3.3253, 6.7924

## Protanomaly

240.4610, 4.2097, 3.1037

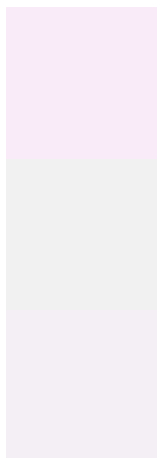
## Deuteranomaly

241.7500, 2.5882, 9.8663

## Tritanomaly

241.4230, 5.2145, 7.5220

# Monochromacy



## Original Color

241.2550, 3.3253, 6.7924

## Achromatopsia

241.0000, 0.0000, 0.0000

## Achromatomaly

241.0650, 1.4470, 2.5740

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 241.2550, 3.3253, 6.7924 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(249, 236, 248)` looks like.

```
.text, #text, p{  
    color:rgb(249, 236, 248)  
}
```

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(249, 236, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 236, 248) }
```

## Border

The CSS property to change the border of an element to YUV 241.2550, 3.3253, 6.7924 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(249, 236, 248) }
```



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

```
.border{ border-color:rgb(249, 236, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 236, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 236, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 236, 248); box-shadow:4px 4px 4px 4px rgb(249, 236, 248) }
```

# Background

The CSS property to change the background color of an element to YUV 241.2550, 3.3253, 6.7924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 236, 248) }
```

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

```
.background{ background-color: rgb(249,  
236, 248) }
```

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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