

# Converting Colors

YUV(227.2750, 9.7244, 7.6518)

Have a look what the booklet for  
YUV(227.2750, 9.7244, 7.6518)  
contains.

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# Color

**YUV(227.2750, 9.7244,  
7.6518)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ECDBF7
RGB	236, 219, 247
RGB Percent	93%, 86%, 97%
CMY	0.0745, 0.1412, 0.0314
CMYK	0.04, 0.11, 0.00, 0.03
HSL	276°, 64%, 91%
HSV	276°, 11%, 97%
XYZ	76.7121, 75.2113, 98.4698
YIQ	227.2750, 1.1440, 12.3120

# Conversions

## Conversions Part 2

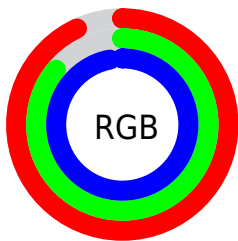
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	236, 219, 247
Decimal	15522807
CIE Lab	89.49, 10.82, -11.53
CIE LCh	89, 15.810, 313.191
Yxy	75.2113, 0.3064, 0.3004
Android (android.graphics.Color)	4293712887 (0xFFECDBF7)
YUV	227.2750, 9.7244, 7.6518
Hunter-Lab	86.7245, 6.1243, -6.6127

# Details

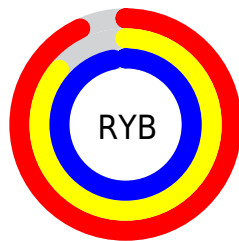
The YUV color `227.2750, 9.7244, 7.6518` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `238.7250, -9.7244, -7.6518`, and the grayscale version is `227.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `171.8620, 9.4350, 7.1370` is the 20% darker color. If you saturate the color by 10%, you get `209.6100, 18.4333, 14.3740`, and if you desaturate by 10%, it is `244.9400, 1.0156, 0.9296`.

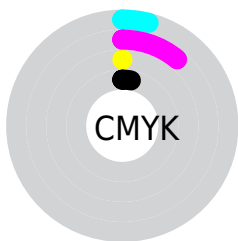
# Distribution



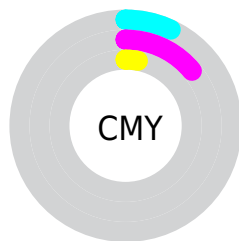
- Red (93%)
- Green (86%)
- Blue (97%)



- Red (93%)
- Yellow (86%)
- Blue (97%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (3%)



- Cyan (7%)
- Magenta (14%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 227.2750, 9.7244, 7.6518 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 227.2750, 9.7244, 7.6518 by changing the saturation by 10% instead.



227.2750, 9.7244,  
7.6518

227.2750, 9.7244,  
7.6518

255.0000, 0.0000,  
0.0000

199.1610, 9.2876,  
7.7518

171.8620, 9.4350,  
7.1370

145.4490, 9.1456,  
6.6222

119.3350, 8.7088,  
6.7222

94.9220, 8.4195,  
6.2074

70.8080, 7.9827,  
6.3074

48.3950, 7.6933,

5.7926

■ 27.5690, 7.1145,  
4.7630

■ 5.4980, 8.1355,  
3.9483

■ 227.2750, 9.7244,  
7.6518

■ 227.2750, 9.7244,  
7.6518

■ 209.6100, 18.4333,  
14.3740

■ 244.9400, 1.0156,  
0.9296

■ 192.8310, 26.7053,  
21.1962

■ 254.0880, -3.4944,  
0.7998

■ 175.1660, 35.4142,  
27.9184

■ 157.5010, 44.1230,  
34.6406

■ 139.8360, 52.8319,  
41.3628

■ 123.0570, 61.1039,  
48.1850

■ 105.3920, 69.8127,  
54.9072

■ 87.7270, 78.5216,  
61.6294

■ 73.0080, 85.7781,  
67.5220

# Harmonies

## Analogous

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



225.3270, 14.1358, -7.3028



227.2750, 9.7244, 7.6518



228.2180, 2.8505, 19.1028

# Triad

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



227.2750, 9.7244, 7.6518



225.3260, -14.4577, 17.2541



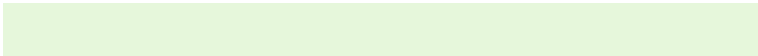
219.9040, 5.4703, -27.9798

# Complementary

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



227.2750, 9.7244, 7.6518



238.7250, -9.7244, -7.6518

# Split Complementary

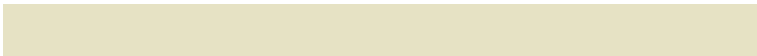
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220.2980, -2.1189, -20.4323



227.2750, 9.7244, 7.6518



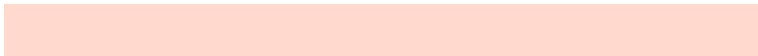
223.7760, -13.6936, 5.4584

# Square

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



227.2750, 9.7244, 7.6518



226.9940, -10.8430, 24.5613



221.8390, -9.2876, -7.7518



220.3260, 12.1643, -28.3499



# Rectangle

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



227.2750, 9.7244, 7.6518



227.9860, -1.9651, 23.6913



221.8390, -9.2876, -7.7518



219.9320, 2.9915, -26.2504

# Sweetspot

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



227.2750, 9.7244, 7.6518



249.4070, 2.7573, 2.2741



228.6490, 9.0470, -8.4622



123.5810, 2.1786, 1.2445



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.



227.2750, 9.7244, 7.6518



229.6820, 12.4818, 9.9259



230.2220, 6.7926, 14.7143



113.7600, 4.0623, 3.7185



54.9910, 64.5874, 50.8739



17.4900, 20.4644, 16.2333



# Inverse Universe

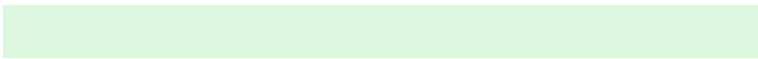
The Inverse Universe completely reimagines the original color for something new.



228.6260, 0.6774, 16.1140



231.3600, 0.8085, 20.7323



235.7780, -6.7926, -14.7143



114.1580, 0.4151, 6.8774



63.9360, 4.4686, 107.0501

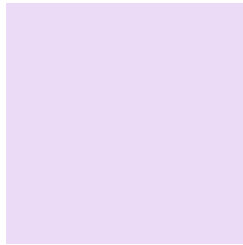


20.2630, 1.3493, 33.9723



# Previews

## White Background



This preview shows how the YUV color 227.2750, 9.7244, 7.6518 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

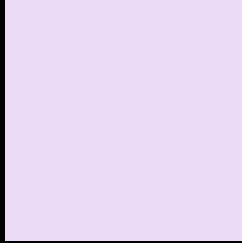
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 227.2750, 9.7244, 7.6518 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

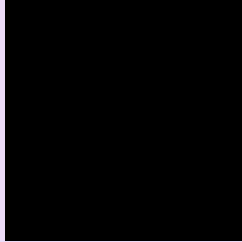
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 227.2750, 9.7244, 7.6518

## Background



This preview shows how black text looks on a background with the YUV color 227.2750, 9.7244, 7.6518.



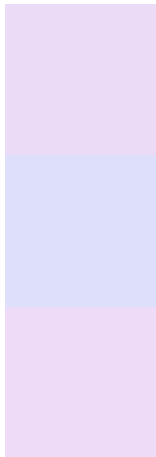
This preview shows how white text looks on a background with the YUV color 227.2750, 9.7244,

7.6518.

# 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

227.2750, 9.7244, 7.6518

### Protanopia

225.7790, 11.9410, -3.3142

### Deuteranopia

227.5740, 9.5770, 8.2666



## Tritanopia

227.1240, 5.3619, 6.9073

# Trichromacy



## Original Color

227.2750, 9.7244, 7.6518

## Protanomaly

226.5730, 11.0565, 0.3745

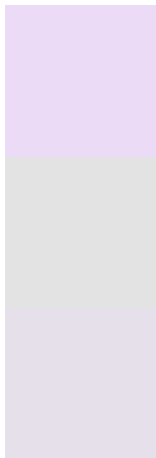
## Deuteranomaly

227.5740, 9.5770, 8.2666

## Tritanomaly

226.8790, 6.9617, 7.1221

# Monochromacy



## Original Color

227.2750, 9.7244, 7.6518

## Achromatopsia

227.0000, 0.0000, 0.0000

## Achromatomaly

226.9340, 3.4835, 2.6889

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 227.2750, 9.7244, 7.6518 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(236, 219, 247)` looks like.

```
.text, #text, p{  
    color:rgb(236, 219, 247)  
}
```

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(236, 219, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 219, 247) }
```

## Border

The CSS property to change the border of an element to YUV 227.2750, 9.7244, 7.6518 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(236, 219, 247) }
```



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

```
.border{ border-color:rgb(236, 219, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 219, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 219, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 219, 247);  
box-shadow:4px 4px 4px 4px rgb(236, 219,  
247) }
```

# Background

The CSS property to change the background color of an element to YUV 227.2750, 9.7244, 7.6518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 219, 247) }
```

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

```
.background{ background-color: rgb(236,  
219, 247) }
```

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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