

# Converting Colors

YUV(228.7710, 4.0569, 5.4628)

Have a look what the booklet for  
YUV(228.7710, 4.0569, 5.4628)  
contains.

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# Color

**YUV(228.7710, 4.0569,  
5.4628)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBE0ED
RGB	235, 224, 237
RGB Percent	92%, 88%, 93%
CMY	0.0784, 0.1216, 0.0706
CMYK	0.01, 0.05, 0.00, 0.07
HSL	291°, 27%, 90%
HSV	291°, 5%, 93%
XYZ	76.2027, 77.0879, 90.9839
YIQ	228.7710, 2.3830, 6.3750

# Conversions

## Conversions Part 2

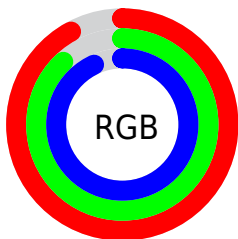
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 224, 237
Decimal	15458541
CIE Lab	90.36, 6.04, -5.00
CIE LCh	90, 7.836, 320.393
Yxy	77.0879, 0.3120, 0.3156
Android (android.graphics.Color)	4293648621 (0xFFEBE0ED)
YUV	228.7710, 4.0569, 5.4628
Hunter-Lab	87.7997, 1.2733, 0.0196

# Details

The YUV color `228.7710, 4.0569, 5.4628` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `232.2290, -4.0569, -5.4628`, and the grayscale version is `229.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `173.3580, 3.7675, 4.9480` is the 20% darker color. If you saturate the color by 10%, you get `213.4870, 11.5919, 15.3589`, and if you desaturate by 10%, it is `244.0550, -3.4781, -4.4332`.

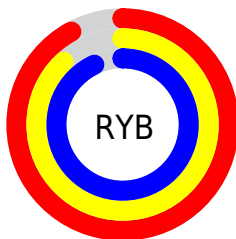
# Distribution



Red (92%)

Green (88%)

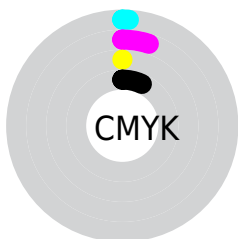
Blue (93%)



Red (92%)

Yellow (88%)

Blue (93%)

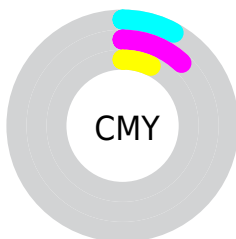


Cyan (1%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (8%)

Magenta (12%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 228.7710, 4.0569, 5.4628 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 228.7710, 4.0569, 5.4628 by changing the saturation by 10% instead.



228.7710, 4.0569,  
5.4628

228.7710, 4.0569,  
5.4628

255.0000, 0.0000,  
0.0000

200.7710, 4.0569,  
5.4628

173.3580, 3.7675,  
4.9480

146.3580, 3.7675,  
4.9480

121.2440, 3.3307,  
5.0480

96.2440, 3.3307,  
5.0480

72.8310, 3.0413,  
4.5332

49.8310, 3.0413,

4.5332

■ 29.1190, 2.8993,  
3.4036

■ 4.7710, 4.0569,  
5.4628

■ 228.7710, 4.0569,  
5.4628

■ 228.7710, 4.0569,  
5.4628

■ 213.4870, 11.5919,  
15.3589

■ 244.0550, -3.4781,  
-4.4332

■ 199.0890, 18.6901,  
25.3549

■ 249.0610, -5.9461,  
-6.1925

■ 183.8050, 26.2251,  
35.2510

■ 250.2570, -6.5357,  
-3.7334

■ 168.5210, 33.7601,  
45.1471

■ 251.4530, -7.1253,  
-1.2743

■ 154.1230, 40.8584,  
55.1431

■ 252.3500, -7.5675,  
0.5701

■ 138.8390, 48.3934,  
65.0392

■ 252.9480, -7.8624,  
1.7996

■ 123.5550, 55.9284,  
74.9353

■ 108.5700, 63.3160,  
85.4461

■ 93.8730, 70.5616,  
94.8274

# Harmonies

## Analogous

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



227.7100, 6.5520, -1.4997



228.7710, 4.0569, 5.4628



229.4790, 0.2569, 10.9809

# Triad

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



228.7710, 4.0569, 5.4628



227.5080, -7.1524, 7.4475



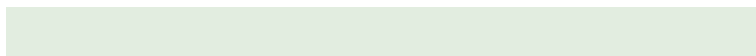
225.1230, 3.3904, -14.1399

# Complementary

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



228.7710, 4.0569, 5.4628



232.2290, -4.0569, -5.4628

# 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.



225.2220, -0.1094, -11.5957



228.7710, 4.0569, 5.4628



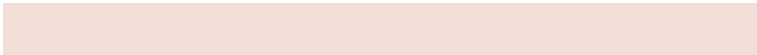
226.2900, -6.5520, 1.4997

# Square

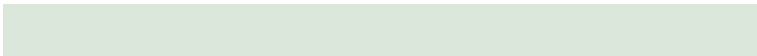
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.7710, 4.0569, 5.4628



228.4700, -6.1477, 11.8658



225.9300, -3.9095, -6.0776



225.9320, 6.4425, -13.0954



# Rectangle

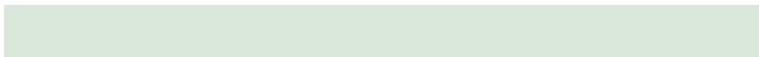
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.7710, 4.0569, 5.4628



228.9200, -1.9326, 13.2252



225.9300, -3.9095, -6.0776



225.1940, 2.3694, -13.3251

# Sweetspot

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



228.7710, 4.0569, 5.4628



251.7660, 1.5944, 1.9592



226.6560, 5.0996, -2.3293



125.9400, 1.0156, 0.9296



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.



228.7710, 4.0569, 5.4628



243.5370, 5.6513, 7.4221



228.9130, 2.0149, 7.0923



111.4180, 2.7519, 4.0184



66.3810, 56.5072, 75.9649



19.6110, 16.9538, 22.2662



# Inverse Universe

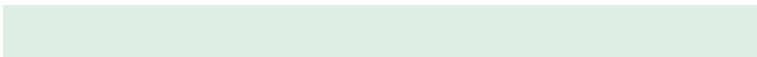
The Inverse Universe completely reimagines the original color for something new.



228.1150, -1.0427, 7.7921



242.7240, -1.3429, 10.7661



232.0870, -2.0149, -7.0923



110.8050, -0.8899, 5.4330



57.3110, -14.4503, 108.4753

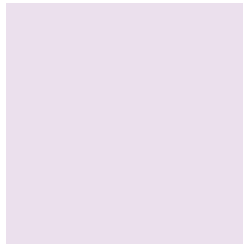


17.0580, -4.4656, 32.3981



# Previews

## White Background



This preview shows how the YUV color 228.7710, 4.0569, 5.4628 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

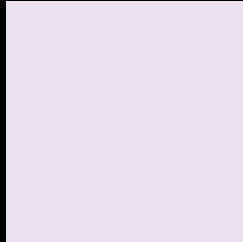
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 228.7710, 4.0569, 5.4628 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

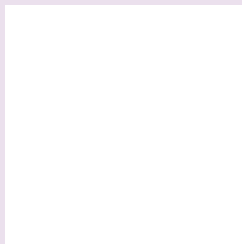
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 228.7710, 4.0569, 5.4628

## Background



This preview shows how black text looks on a background with the YUV color 228.7710, 4.0569, 5.4628.



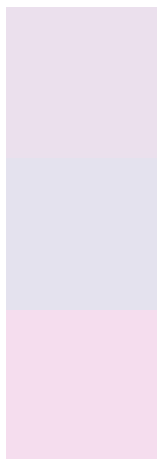
This preview shows how white text looks on a background with the YUV color 228.7710, 4.0569,

5.4628.

# 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

228.7710, 4.0569, 5.4628

### Protanopia

227.9660, 4.9468, 0.0298

### Deuteranopia

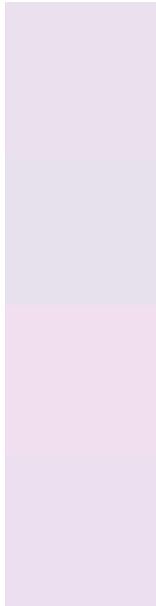
230.1140, 3.8878, 13.0550



## Tritanopia

228.9390, 5.9461, 6.1925

# Trichromacy



## Original Color

228.7710, 4.0569, 5.4628

## Protanomaly

228.2760, 4.7939, 2.3889

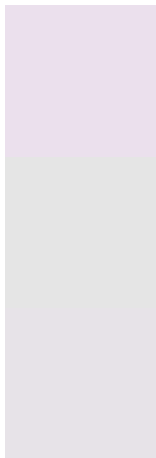
## Deuteranomaly

229.5050, 4.1880, 10.0811

## Tritanomaly

228.8250, 5.5093, 6.2925

# Monochromacy



## Original Color

228.7710, 4.0569, 5.4628

## Achromatopsia

229.0000, 0.0000, 0.0000

## Achromatomaly

228.7660, 1.5944, 1.9592

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 228.7710, 4.0569, 5.4628 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(235, 224, 237)` looks like.

```
.text, #text, p{  
    color:rgb(235, 224, 237)  
}
```

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(235, 224, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 224, 237) }
```

## Border

The CSS property to change the border of an element to YUV 228.7710, 4.0569, 5.4628 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(235, 224, 237) }
```



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

```
.border{ border-color:rgb(235, 224, 237) }
```

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

Here you see how a box with a 4 pixel rgb(235, 224, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 224, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 224, 237);  
box-shadow:4px 4px 4px 4px rgb(235, 224,  
237) }
```

# Background

The CSS property to change the background color of an element to YUV 228.7710, 4.0569, 5.4628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 224, 237) }
```

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

```
.background{ background-color: rgb(235,  
224, 237) }
```

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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