

Converting Colors

YUV(229.2810, 7.2565, 5.8926)

Have a look what the booklet for
YUV(229.2810, 7.2565, 5.8926)
contains.

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Color

**YUV(229.2810, 7.2565,
5.8926)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDF4
RGB	236, 223, 244
RGB Percent	93%, 87%, 96%
CMY	0.0745, 0.1255, 0.0431
CMYK	0.03, 0.09, 0.00, 0.04
HSL	277°, 49%, 92%
HSV	277°, 9%, 96%
XYZ	77.3089, 77.1399, 96.4028
YIQ	229.2810, 1.0070, 9.2870

Conversions

Conversions Part 2

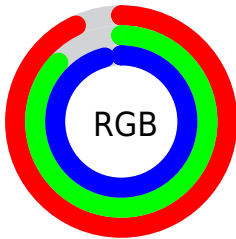
Format	Color
R _Y B	236, 223, 244
Decimal	15523828
CIE Lab	90.39, 8.17, -8.62
CIE LCh	90, 11.879, 313.461
Yxy	77.1399, 0.3082, 0.3075
Android (android.graphics.Color)	4293713908 (0xFFECDFF4)
YUV	229.2810, 7.2565, 5.8926
Hunter-Lab	87.8293, 3.4175, -3.5971

Details

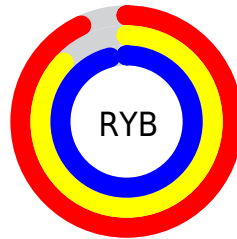
The YUV color `229.2810, 7.2565, 5.8926` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `237.7190, -7.2565, -5.8926`, and the grayscale version is `229.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `173.8680, 6.9671, 5.3778` is the 20% darker color. If you saturate the color by 10%, you get `212.5020, 15.5285, 12.7147`, and if you desaturate by 10%, it is `246.0600, -1.0156, -0.9296`.

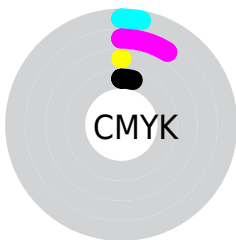
Distribution



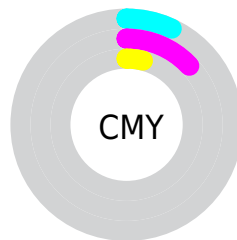
- Red (93%)
- Green (87%)
- Blue (96%)



- Red (93%)
- Yellow (87%)
- Blue (96%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (7%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.2810, 7.2565, 5.8926 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 229.2810, 7.2565, 5.8926 by changing the saturation by 10% instead.

229.2810, 7.2565,
5.8926

229.2810, 7.2565,
5.8926

255.0000, 0.0000,
0.0000

201.2810, 7.2565,
5.8926

173.8680, 6.9671,
5.3778

146.8680, 6.9671,
5.3778

121.4550, 6.6777,
4.8630

96.3410, 6.2409,
4.9629

72.9280, 5.9515,
4.4481

50.5150, 5.6621,

3.9333

■ 29.4010, 5.2253,
4.0333

■ 6.1670, 6.8197,
5.9925

■ 229.2810, 7.2565,
5.8926

■ 229.2810, 7.2565,
5.8926

■ 212.5020, 15.5285,
12.7147

■ 246.0600, -1.0156,
-0.9296

■ 194.8370, 24.2374,
19.4370

■ 253.7460, -4.8048,
1.0998

■ 178.0580, 32.5094,
26.2591

■ 160.6920, 41.0708,
33.5961

■ 143.9130, 49.3429,
40.4183

■ 126.8350, 57.7623,
46.6257

■ 109.4690, 66.3238,
53.9627

■ 92.6900, 74.5958,
60.7849

■ 75.0250, 83.3047,
67.5071

Harmonies

Analogous

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



228.0130, 10.3466, -5.2734



229.2810, 7.2565, 5.8926



229.6690, 2.1352, 15.1993

Triad

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



229.2810, 7.2565, 5.8926



228.2160, -10.9525, 12.9656



223.6060, 4.1382, -20.7025

Complementary

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



229.2810, 7.2565, 5.8926



237.7190, -7.2565, -5.8926

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.



224.4450, -1.6984, -15.2993



229.2810, 7.2565, 5.8926



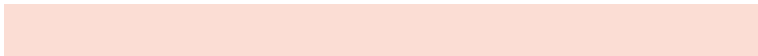
226.2750, -10.4886, 4.1438

Square

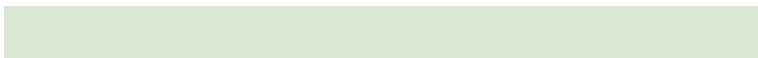
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.2810, 7.2565, 5.8926



228.9440, -8.3534, 19.3431



225.4200, -7.1091, -6.5073



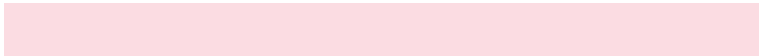
224.5720, 9.0850, -20.6726

Rectangle

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



229.2810, 7.2565, 5.8926



229.9530, -1.9488, 18.4582



225.4200, -7.1091, -6.5073



223.4490, 2.2436, -19.6878

Sweetspot

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



229.2810, 7.2565, 5.8926



249.4070, 2.7573, 2.2741



230.0900, 6.8576, -6.2179



123.8800, 2.0312, 1.8592



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.



229.2810, 7.2565, 5.8926



237.3350, 8.7088, 6.7222



231.4450, 5.2036, 11.0107



113.7600, 4.0623, 3.7185



55.5890, 64.2926, 52.1034



17.4900, 20.4644, 16.2333

Inverse Universe

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



230.1910, 0.3988, 12.1105



238.5010, 0.2460, 14.4696



235.5550, -5.2036, -11.0107



114.1580, 0.4151, 6.8774



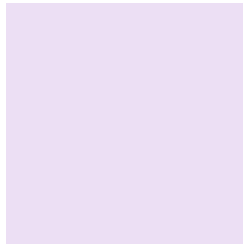
63.7080, 3.5950, 107.2501



20.1490, 0.9125, 34.0723

Previews

White Background



This preview shows how the YUV color 229.2810, 7.2565, 5.8926 looks on a white background.

Color Contrast Check

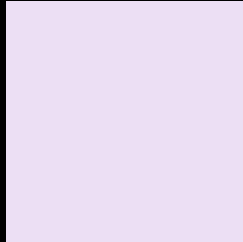
Large Text (above 18pt) WCAG AA × Fail

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 229.2810, 7.2565, 5.8926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

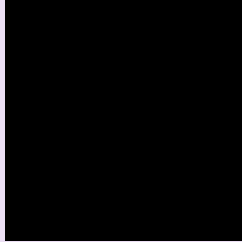
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

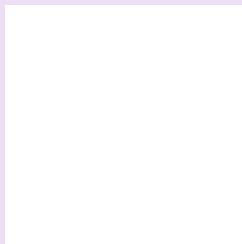
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 229.2810, 7.2565, 5.8926

Background



This preview shows how black text looks on a background with the YUV color 229.2810, 7.2565, 5.8926.



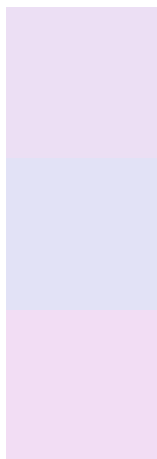
This preview shows how white text looks on a background with the YUV color 229.2810, 7.2565,

5.8926.

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

229.2810, 7.2565, 5.8926

Protanopia

228.2800, 8.7360, -1.9996

Deuteranopia

229.9010, 6.9508, 10.6108



Tritanopia

228.9390, 5.9461, 6.1925

Trichromacy



Original Color

229.2810, 7.2565, 5.8926

Protanomaly

228.7750, 7.9989, 1.0743

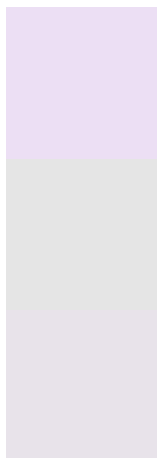
Deuteranomaly

229.8900, 6.9562, 8.8665

Tritanomaly

229.0530, 6.3829, 6.0925

Monochromacy



Original Color

229.2810, 7.2565, 5.8926

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

229.2930, 2.3206, 2.3740

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.2810, 7.2565, 5.8926 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, 223, 244)` looks like.

```
.text, #text, p{  
    color:rgb(236, 223, 244)  
}
```

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, 223, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 223, 244) }
```

Border

The CSS property to change the border of an element to YUV 229.2810, 7.2565, 5.8926 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, 223, 244) }
```


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

```
.border{ border-color:rgb(236, 223, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 223, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 223, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 223, 244);  
box-shadow:4px 4px 4px 4px rgb(236, 223,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 229.2810, 7.2565, 5.8926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 223, 244) }
```

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

```
.background{ background-color: rgb(236,  
223, 244) }
```

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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