

Converting Colors

YUV(224.1610, 9.2876, 7.7518)

Have a look what the booklet for
YUV(224.1610, 9.2876, 7.7518)
contains.

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Color

**YUV(224.1610, 9.2876,
7.7518)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D8F3
RGB	233, 216, 243
RGB Percent	91%, 85%, 95%
CMY	0.0863, 0.1529, 0.0471
CMYK	0.04, 0.11, 0.00, 0.05
HSL	278°, 53%, 90%
HSV	278°, 11%, 95%
XYZ	74.3378, 72.9064, 94.9483
YIQ	224.1610, 1.4650, 12.0010

Conversions

Conversions Part 2

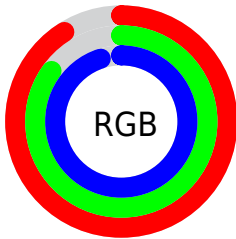
Format	Color
R_{YB}	233, 216, 243
Decimal	15325427
CIE _{Lab}	88.40, 10.66, -11.07
CIE _{LCh}	88, 15.369, 313.920
Yxy	72.9064, 0.3069, 0.3010
Android (android.graphics.Color)	4293515507 (0xFFE9D8F3)
YUV	224.1610, 9.2876, 7.7518
Hunter-Lab	85.3853, 5.9808, -6.1607

Details

The YUV color `224.1610, 9.2876, 7.7518` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `234.8390, -9.2876, -7.7518`, and the grayscale version is `224.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `168.7480, 8.9982, 7.2370` is the 20% darker color. If you saturate the color by 10%, you get `207.3820, 17.5597, 14.5740`, and if you desaturate by 10%, it is `240.9400, 1.0156, 0.9296`.

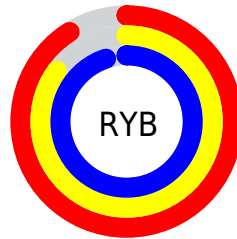
Distribution



Red (91%)

Green (85%)

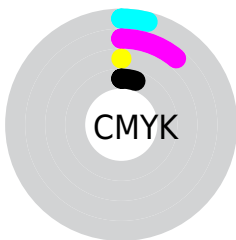
Blue (95%)



Red (91%)

Yellow (85%)

Blue (95%)

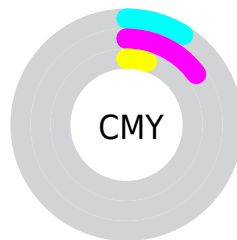


Cyan (4%)

Magenta (11%)

Yellow (0%)

Black (5%)



Cyan (9%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.1610, 9.2876, 7.7518 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 224.1610, 9.2876, 7.7518 by changing the saturation by 10% instead.

■ 224.1610, 9.2876,
7.7518

■ 224.1610, 9.2876,
7.7518

255.0000, 0.0000,
0.0000

■ 196.1610, 9.2876,
7.7518

■ 168.7480, 8.9982,
7.2370

■ 142.6340, 8.5614,
7.3370

■ 117.2210, 8.2720,
6.8222

■ 92.1070, 7.8352,
6.9222

■ 68.6940, 7.5459,
6.4074

■ 46.2810, 7.2565,

5.8926

■ 25.4550, 6.6777,
4.8630

■ 2.0520, 7.8624,
-1.7996

■ 224.1610, 9.2876,
7.7518

■ 224.1610, 9.2876,
7.7518

■ 207.3820, 17.5597,
14.5740

■ 240.9400, 1.0156,
0.9296

■ 190.0160, 26.1211,
21.9110

■ 252.4360, -4.6519,
-1.2594

■ 173.2370, 34.3932,
28.7332

■ 253.6320, -5.2416,
1.1997

■ 156.4580, 42.6652,
35.5553

■ 139.6790, 50.9373,
42.3775

■ 122.3130, 59.4987,
49.7145

■ 105.5340, 67.7707,
56.5367

■ 88.7550, 76.0428,
63.3589

■ 73.4490, 83.5886,
69.7662

Harmonies

Analogous

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



222.5120, 13.5516, -6.5880



224.1610, 9.2876, 7.7518



225.1040, 2.4137, 19.2028

Triad

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



224.1610, 9.2876, 7.7518



222.1410, -13.8735, 16.5393



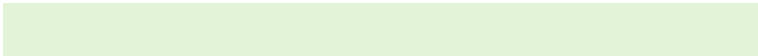
217.2030, 5.3229, -27.3650

Complementary

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



224.1610, 9.2876, 7.7518



234.8390, -9.2876, -7.7518

Split Complementary

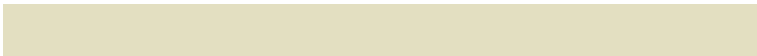
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



217.2980, -2.1189, -20.4323



224.1610, 9.2876, 7.7518



220.7760, -13.6936, 5.4584

Square

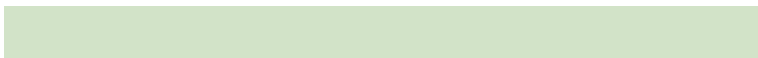
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



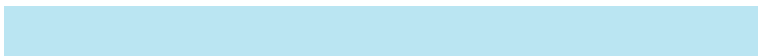
224.1610, 9.2876, 7.7518



223.6950, -10.6956, 23.9465



218.8390, -9.2876, -7.7518



217.6250, 12.0169, -27.7351

Rectangle

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



224.1610, 9.2876, 7.7518



224.8720, -2.4019, 23.7913



218.8390, -9.2876, -7.7518



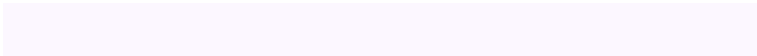
217.2310, 2.8441, -25.6356

Sweetspot

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



224.1610, 9.2876, 7.7518



249.4070, 2.7573, 2.2741



224.9480, 8.8996, -7.8474



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.



224.1610, 9.2876, 7.7518



232.0410, 11.3188, 9.6110



226.8090, 6.5032, 14.1995



113.7600, 4.0623, 3.7185



56.1870, 63.9978, 53.3330



17.7890, 20.3170, 16.8480

Inverse Universe

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



225.2130, 0.3880, 15.5992



233.2350, 0.3771, 19.0879



232.1910, -6.5032, -14.1995



114.1580, 0.4151, 6.8774



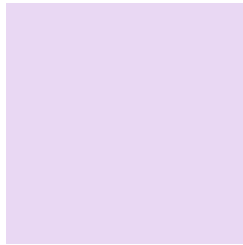
63.4800, 2.7214, 107.4500



20.1490, 0.9125, 34.0723

Previews

White Background



This preview shows how the YUV color 224.1610, 9.2876, 7.7518 looks on a white background.

Color Contrast Check

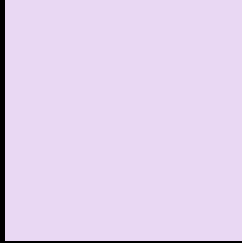
Large Text (above 18pt) WCAG AA × Fail

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 224.1610, 9.2876, 7.7518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

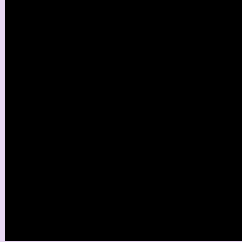
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 224.1610, 9.2876, 7.7518

Background



This preview shows how black text looks on a background with the YUV color 224.1610, 9.2876, 7.7518.



This preview shows how white text looks on a background with the YUV color 224.1610, 9.2876, 7.7518.

7.7518.

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

224.1610, 9.2876, 7.7518

Protanopia

222.6650, 11.5042, -3.2142

Deuteranopia

224.4600, 9.1402, 8.3666



Tritanopia

223.5370, 5.6513, 7.4221

Trichromacy



Original Color

224.1610, 9.2876, 7.7518

Protanomaly

223.4590, 10.6197, 0.4745

Deuteranomaly

224.4600, 9.1402, 8.3666

Tritanomaly

223.8790, 6.9617, 7.1221

Monochromacy



Original Color

224.1610, 9.2876, 7.7518

Achromatopsia

224.0000, 0.0000, 0.0000

Achromatomaly

223.9340, 3.4835, 2.6889

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.1610, 9.2876, 7.7518 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(233, 216, 243)` looks like.

```
.text, #text, p{  
    color:rgb(233, 216, 243)  
}
```

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(233, 216, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 216, 243) }
```

Border

The CSS property to change the border of an element to YUV 224.1610, 9.2876, 7.7518 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(233, 216, 243) }
```


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

```
.border{ border-color:rgb(233, 216, 243) }
```

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

Here you see how a box with a 4 pixel rgb(233, 216, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 216, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 216, 243);  
box-shadow:4px 4px 4px 4px rgb(233, 216,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 224.1610, 9.2876, 7.7518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 216, 243) }
```

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

```
.background{ background-color: rgb(233,  
216, 243) }
```

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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