

Converting Colors

YUV(230.1610, 9.2876, 7.7518)

Have a look what the booklet for
YUV(230.1610, 9.2876, 7.7518)
contains.

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Color

**YUV(230.1610, 9.2876,
7.7518)**

Conversions

Conversions Part 1

Format	Color
Hex	EFDEF9
RGB	239, 222, 249
RGB Percent	94%, 87%, 98%
CMY	0.0627, 0.1294, 0.0235
CMYK	0.04, 0.11, 0.00, 0.02
HSL	278°, 69%, 92%
HSV	278°, 11%, 98%
XYZ	78.8168, 77.4328, 100.4145
YIQ	230.1610, 1.4650, 12.0010

Conversions

Conversions Part 2

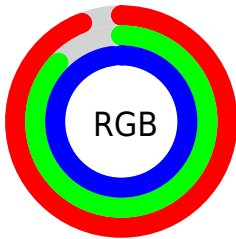
Format	Color
R _Y B	239, 222, 249
Decimal	15720185
CIE Lab	90.52, 10.61, -11.02
CIE LCh	91, 15.294, 313.909
Yxy	77.4328, 0.3071, 0.3017
Android (android.graphics.Color)	4293910265 (0xFFEFDEF9)
YUV	230.1610, 9.2876, 7.7518
Hunter-Lab	87.9959, 5.8872, -6.0602

Details

The YUV color `230.1610, 9.2876, 7.7518` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `240.8390, -9.2876, -7.7518`, and the grayscale version is `230.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `174.7480, 8.9982, 7.2370` is the 20% darker color. If you saturate the color by 10%, you get `212.7950, 17.8491, 15.0888`, and if you desaturate by 10%, it is `247.5270, 0.7262, 0.4148`.

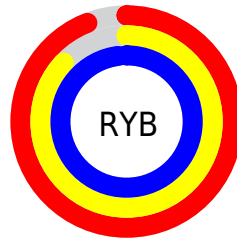
Distribution



Red (94%)

Green (87%)

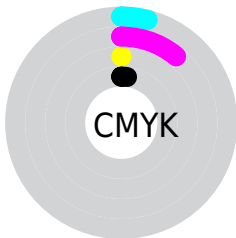
Blue (98%)



Red (94%)

Yellow (87%)

Blue (98%)

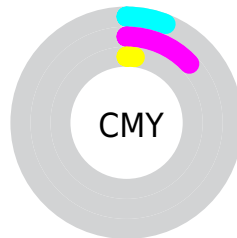


Cyan (4%)

Magenta (11%)

Yellow (0%)

Black (2%)



Cyan (6%)

Magenta (13%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.1610, 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 230.1610, 9.2876, 7.7518 by changing the saturation by 10% instead.

230.1610, 9.2876,
7.7518

230.1610, 9.2876,
7.7518

255.0000, 0.0000,
0.0000

202.0470, 8.8508,
7.8518

174.7480, 8.9982,
7.2370

147.6340, 8.5614,
7.3370

122.2210, 8.2720,
6.8222

97.2210, 8.2720,
6.8222

73.3950, 7.6933,
5.7926

50.9820, 7.4039,

5.2778

■ 29.8680, 6.9671,
5.3778

■ 7.5200, 8.1246,
7.4370

■ 230.1610, 9.2876,
7.7518

■ 230.1610, 9.2876,
7.7518

■ 212.7950, 17.8491,
15.0888

■ 247.5270, 0.7262,
0.4148

■ 195.4290, 26.4105,
22.4258

■ 254.3160, -2.6208,
0.5999

■ 177.7640, 35.1193,
29.1480

■ 160.3980, 43.6808,
36.4850

■ 143.6190, 51.9528,
43.3071

■ 126.2530, 60.5143,
50.6441

■ 108.5880, 69.2231,
57.3663

■ 91.2220, 77.7846,
64.7033

■ 75.3290, 85.6198,
71.6255

Harmonies

Analogous

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



228.3980, 13.1148, -6.4880



230.1610, 9.2876, 7.7518



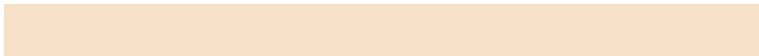
231.1040, 2.4137, 19.2028

Triad

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



230.1610, 9.2876, 7.7518



228.1410, -13.8735, 16.5393



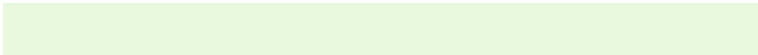
223.2030, 5.3229, -27.3650

Complementary

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



230.1610, 9.2876, 7.7518



240.8390, -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.



223.5970, -2.2663, -19.8176



230.1610, 9.2876, 7.7518



226.7760, -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.



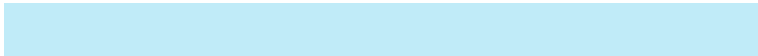
230.1610, 9.2876, 7.7518



229.0970, -10.4008, 22.7169



224.8390, -9.2876, -7.7518



223.6250, 12.0169, -27.7351

Rectangle

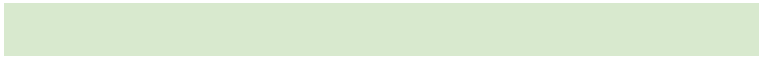
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230.1610, 9.2876, 7.7518



229.9750, -1.9597, 21.9469



224.8390, -9.2876, -7.7518



223.2310, 2.8441, -25.6356

Sweetspot

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



230.1610, 9.2876, 7.7518



249.4070, 2.7573, 2.2741



230.9480, 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.



230.1610, 9.2876, 7.7518



232.0410, 11.3188, 9.6110



232.8090, 6.5032, 14.1995



115.8740, 4.4991, 3.6185



57.1270, 65.0134, 54.2626



18.6150, 20.8958, 17.8776

Inverse Universe

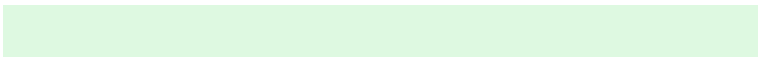
The Inverse Universe completely reimagines the original color for something new.



231.2130, 0.3880, 15.5992



233.2350, 0.3771, 19.0879



238.1910, -6.5032, -14.1995



116.4570, 0.2677, 7.4922



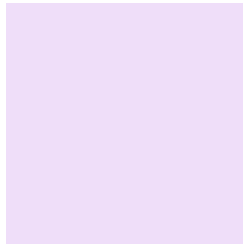
64.4910, 2.7159, 109.1944



20.8610, 1.0545, 35.2019

Previews

White Background



This preview shows how the YUV color 230.1610, 9.2876, 7.7518 looks on a white background.

Color Contrast Check

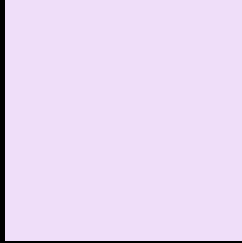
Large Text (above 18pt) WCAG AA × Fail

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 230.1610, 9.2876, 7.7518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

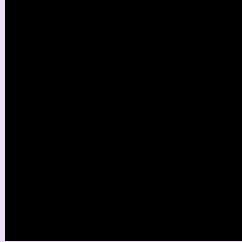
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 230.1610, 9.2876, 7.7518

Background



This preview shows how black text looks on a background with the YUV color 230.1610, 9.2876, 7.7518.



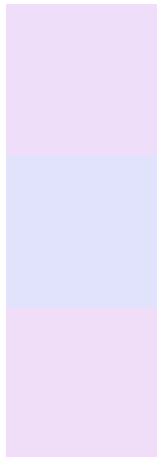
This preview shows how white text looks on a background with the YUV color 230.1610, 9.2876, 7.7518.

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

230.1610, 9.2876, 7.7518

Protanopia

228.6650, 11.5042, -3.2142

Deuteranopia

230.4600, 9.1402, 8.3666



Tritanopia

229.5370, 5.6513, 7.4221

Trichromacy



Original Color

230.1610, 9.2876, 7.7518

Protanomaly

229.4590, 10.6197, 0.4745

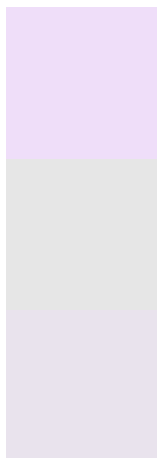
Deuteranomaly

230.4600, 9.1402, 8.3666

Tritanomaly

229.8790, 6.9617, 7.1221

Monochromacy



Original Color

230.1610, 9.2876, 7.7518

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

229.9340, 3.4835, 2.6889

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.1610, 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(239, 222, 249)` looks like.

```
.text, #text, p{  
    color:rgb(239, 222, 249)  
}
```

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(239, 222, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 222, 249) }
```

Border

The CSS property to change the border of an element to YUV 230.1610, 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(239, 222, 249) }
```


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

```
.border{ border-color:rgb(239, 222, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 222, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 222, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 222, 249);  
box-shadow:4px 4px 4px 4px rgb(239, 222,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 230.1610, 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(239, 222, 249) }
```

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

```
.background{ background-color: rgb(239,  
222, 249) }
```

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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