

Converting Colors

YUV(219.1440, 11.7610, 7.7667)

Have a look what the booklet for
YUV(219.1440, 11.7610, 7.7667)
contains.

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Color

**YUV(219.1440, 11.7610,
7.7667)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D2F3
RGB	228, 210, 243
RGB Percent	89%, 82%, 95%
CMY	0.1059, 0.1765, 0.0471
CMYK	0.06, 0.14, 0.00, 0.05
HSL	273°, 58%, 89%
HSV	273°, 14%, 95%
XYZ	71.2192, 69.0582, 94.3699
YIQ	219.1440, 0.1350, 14.0790

Conversions

Conversions Part 2

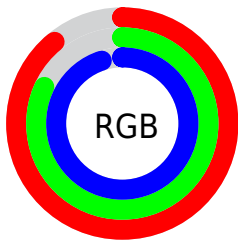
Format	Color
R _Y B	228, 210, 243
Decimal	14996211
CIE Lab	86.53, 12.19, -13.91
CIE LCh	87, 18.491, 311.232
Yxy	69.0582, 0.3035, 0.2943
Android (android.graphics.Color)	4293186291 (0xFFE4D2F3)
YUV	219.1440, 11.7610, 7.7667
Hunter-Lab	83.1013, 7.5502, -9.1589

Details

The YUV color **219.1440, 11.7610, 7.7667** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **233.8560, -11.7610, -7.7667**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **164.3180, 11.1822, 6.7371** is the 20% darker color. If you saturate the color by 10%, you get **201.7670, 20.3279, 13.3593**, and if you desaturate by 10%, it is **236.5210, 3.1941, 2.1741**.

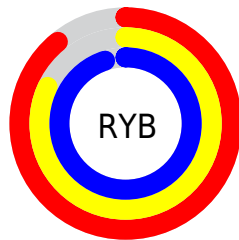
Distribution



Red (89%)

Green (82%)

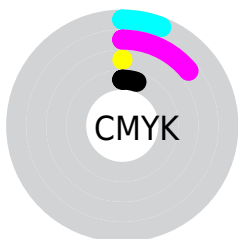
Blue (95%)



Red (89%)

Yellow (82%)

Blue (95%)

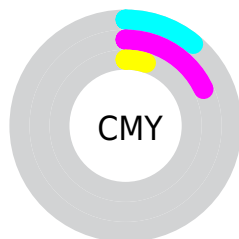


Cyan (6%)

Magenta (14%)

Yellow (0%)

Black (5%)



Cyan (11%)

Magenta (18%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.1440, 11.7610, 7.7667 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 219.1440, 11.7610, 7.7667 by changing the saturation by 10% instead.

■ 219.1440, 11.7610,
7.7667

■ 219.1440, 11.7610,
7.7667

255.0000, 0.0000,
0.0000

■ 191.1440, 11.7610,
7.7667

■ 164.3180, 11.1822,
6.7371

■ 137.6170, 11.0348,
7.3519

■ 112.2040, 10.7454,
6.8371

■ 87.6770, 10.0192,
6.4223

■ 64.2640, 9.7298,
5.9075

■ 42.4380, 9.1511,

4.8779

■ 21.3240, 8.7143,
4.9779

■ 2.6390, 7.5730,
-2.3144

■ 219.1440, 11.7610,
7.7667

■ 219.1440, 11.7610,
7.7667

■ 201.7670, 20.3279,
13.3593

■ 236.5210, 3.1941,
2.1741

■ 183.8030, 29.1841,
19.4668

■ 252.1370, -4.5045,
-1.8741

■ 166.4260, 37.7510,
25.0594

■ 253.6320, -5.2416,
1.1997

■ 149.0490, 46.3178,
30.6520

■ 131.0850, 55.1741,
36.7595

■ 113.7080, 63.7410,
42.3521

■ 96.3310, 72.3078,
47.9447

■ 78.9540, 80.8747,
53.5373

■ 67.4690, 86.5368,
57.4707

Harmonies

Analogous

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



217.0000, 16.7620, -9.6470



219.1440, 11.7610, 7.7667



220.1690, 3.8607, 21.7768

Triad

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



219.1440, 11.7610, 7.7667



217.4790, -16.5051, 20.6279



210.3980, 6.2128, -32.7980

Complementary

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



219.1440, 11.7610, 7.7667



233.8560, -11.7610, -7.7667

Split Complementary

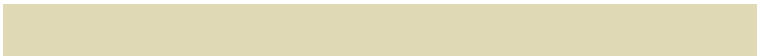
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



211.3470, -3.1291, -23.1063



219.1440, 11.7610, 7.7667



215.1030, -16.3198, 7.8027

Square

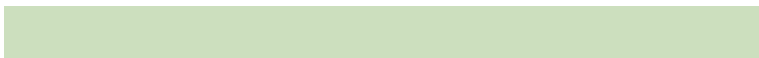
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



219.1440, 11.7610, 7.7667



218.9730, -12.3117, 28.9647



213.5570, -11.6136, -8.3815



210.7490, 13.9277, -33.9829

Rectangle

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



219.1440, 11.7610, 7.7667



220.3070, -2.1234, 27.7948



213.5570, -11.6136, -8.3815



210.6110, 3.1498, -30.3538

Sweetspot

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



219.1440, 11.7610, 7.7667



247.6350, 3.6309, 2.0741



222.5670, 10.0735, -11.0213



122.9940, 2.4680, 1.7593



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.



219.1440, 11.7610, 7.7667



225.2520, 14.6658, 9.4260



223.5150, 9.1131, 17.0883



113.4610, 4.2097, 3.1037



51.7020, 66.2089, 44.1113



16.2940, 21.0541, 13.7742

Inverse Universe

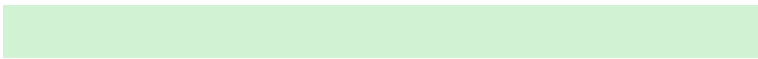
The Inverse Universe completely reimagines the original color for something new.



221.5770, 1.6875, 18.7880



228.4250, 2.2555, 23.3063



229.4850, -9.1131, -17.0883



114.2720, 0.8519, 6.7775



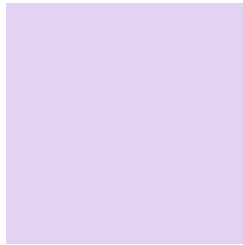
65.3040, 9.7101, 105.8504



20.7190, 3.0965, 33.5724

Previews

White Background



This preview shows how the YUV color 219.1440, 11.7610, 7.7667 looks on a white background.

Color Contrast Check

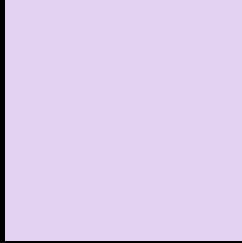
Large Text (above 18pt) WCAG AA × Fail

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 219.1440, 11.7610, 7.7667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

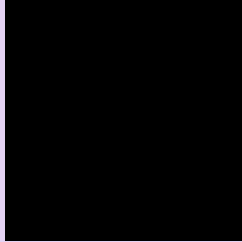
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 219.1440, 11.7610, 7.7667

Background



This preview shows how black text looks on a background with the YUV color 219.1440, 11.7610, 7.7667.

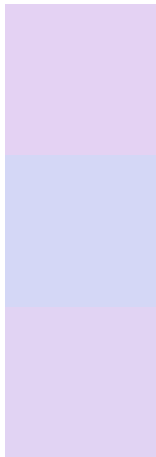


This preview shows how white text looks on a background with the YUV color 219.1440, 11.7610, 7.7667.

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

219.1440, 11.7610, 7.7667

Protanopia

217.6370, 13.9830, -4.9436

Deuteranopia

218.8340, 11.9138, 5.4076



Tritanopia

218.1240, 5.3619, 6.9073

Trichromacy



Original Color

219.1440, 11.7610, 7.7667

Protanomaly

218.1430, 13.2405, -0.1254

Deuteranomaly

219.1330, 11.7664, 6.0224

Tritanomaly

218.4060, 7.6878, 7.5369

Monochromacy



Original Color

219.1440, 11.7610, 7.7667

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

219.1620, 4.3571, 2.4889

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.1440, 11.7610, 7.7667 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(228, 210, 243)` looks like.

```
.text, #text, p{  
    color:rgb(228, 210, 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(228, 210, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 210, 243) }
```

Border

The CSS property to change the border of an element to YUV 219.1440, 11.7610, 7.7667 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(228, 210, 243) }
```


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

```
.border{ border-color:rgb(228, 210, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 210, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 210, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 210, 243);  
box-shadow:4px 4px 4px 4px rgb(228, 210,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 219.1440, 11.7610, 7.7667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 210, 243) }
```

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

```
.background{ background-color: rgb(228,  
210, 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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