

Converting Colors

YUV(229.9770, 4.9413, 1.7742)

Have a look what the booklet for
YUV(229.9770, 4.9413, 1.7742)
contains.

YUV(229.9770, 4.9413, 1.7742)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(229.9770, 4.9413,
1.7742)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E3F0
RGB	232, 227, 240
RGB Percent	91%, 89%, 94%
CMY	0.0902, 0.1098, 0.0588
CMYK	0.03, 0.05, 0.00, 0.06
HSL	263°, 30%, 92%
HSV	263°, 5%, 94%
XYZ	76.4760, 78.3852, 93.5372
YIQ	229.9770, -1.1930, 5.1030

Conversions

Conversions Part 2

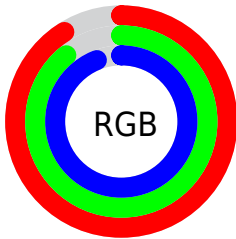
Format	Color
R _Y B	232, 227, 240
Decimal	15262704
CIE Lab	90.96, 4.03, -5.72
CIE LCh	91, 6.999, 305.203
Yxy	78.3852, 0.3079, 0.3156
Android (android.graphics.Color)	4293452784 (0xFFE8E3F0)
YUV	229.9770, 4.9413, 1.7742
Hunter-Lab	88.5354, -0.7506, -0.6648

Details

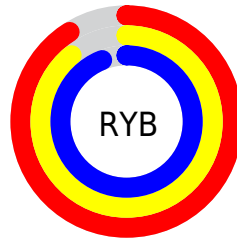
The YUV color `229.9770, 4.9413, 1.7742` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `237.0230, -4.9413, -1.7742`, and the grayscale version is `230.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `174.5640, 4.6519, 1.2594` is the 20% darker color. If you saturate the color by 10%, you get `211.4040, 14.0978, 4.9077`, and if you desaturate by 10%, it is `248.5500, -4.2152, -1.3594`.

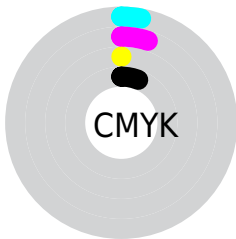
Distribution



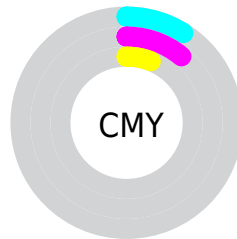
- Red (91%)
- Green (89%)
- Blue (94%)



- Red (91%)
- Yellow (89%)
- Blue (94%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (9%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.9770, 4.9413, 1.7742 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 229.9770, 4.9413, 1.7742 by changing the saturation by 10% instead.

■ 229.9770, 4.9413,
1.7742

■ 229.9770, 4.9413,
1.7742

255.0000, 0.0000,
0.0000

■ 201.9770, 4.9413,
1.7742

■ 174.5640, 4.6519,
1.2594

■ 147.8630, 4.5045,
1.8741

■ 121.8630, 4.5045,
1.8741

■ 97.4500, 4.2152,
1.3594

■ 73.4500, 4.2151,
1.3593

■ 51.0370, 3.9258,

0.8446

■ 29.9230, 3.4890,
0.9445

■ 4.5040, 5.6675,
2.1890

■ 229.9770, 4.9413,
1.7742

■ 229.9770, 4.9413,
1.7742

■ 211.4040, 14.0978,
4.9077

■ 248.5500, -4.2152,
-1.3594

■ 192.8310, 23.2543,
8.0412

■ 253.2900, -6.5520,
1.4997

■ 174.5570, 32.2634,
11.7895

■ 155.9840, 41.4199,
14.9230

■ 137.4110, 50.5764,
18.0566

■ 118.8380, 59.7329,
21.1901

■ 100.5640, 68.7419,
24.9384

■ 81.9910, 77.8984,
28.0719

■ 63.4180, 87.0549,
31.2054

Harmonies

Analogous

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



228.9870, 6.4154, -4.3736



229.9770, 4.9413, 1.7742



230.3260, 2.3043, 7.6071

Triad

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



229.9770, 4.9413, 1.7742



229.7470, -6.2843, 8.9919



226.9770, 1.4903, -11.3808

Complementary

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



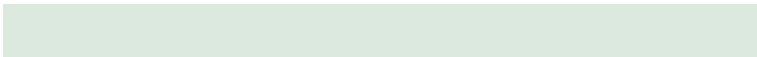
229.9770, 4.9413, 1.7742



237.0230, -4.9413, -1.7742

Split Complementary

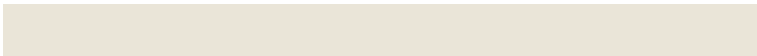
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.6740, -2.3043, -7.6071



229.9770, 4.9413, 1.7742



229.0130, -6.4154, 4.3736

Square

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



229.9770, 4.9413, 1.7742



230.3390, -4.1111, 11.9807



228.0230, -4.9413, -1.7742



227.3620, 4.2585, -12.5955

Rectangle

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



229.9770, 4.9413, 1.7742



230.6530, -0.3219, 9.9513



228.0230, -4.9413, -1.7742



227.0480, 0.4693, -10.5661

Sweetspot

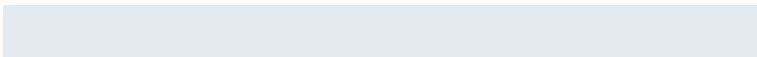
The Sweet Spot groups the original color and five complimentary colors.



229.9770, 4.9413, 1.7742



251.1680, 1.8892, 0.7297



233.1780, 3.3632, -5.4181



125.6410, 1.1630, 0.3148



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.



229.9770, 4.9413, 1.7742



241.1450, 6.8305, 2.5038



231.7710, 4.0569, 5.4628



112.3360, 3.7784, 1.4593



42.2050, 69.9049, 25.2532



12.9620, 21.2177, 7.9263

Inverse Universe

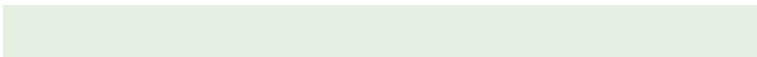
The Inverse Universe completely reimagines the original color for something new.



231.7990, 1.5781, 7.1923



243.6360, 2.1515, 9.9662



235.2290, -4.0569, -5.4628



113.6740, 1.1467, 5.5479



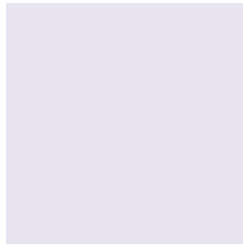
67.8980, 22.2353, 101.8215



20.7340, 7.0331, 30.9283

Previews

White Background



This preview shows how the YUV color 229.9770, 4.9413, 1.7742 looks on a white background.

Color Contrast Check

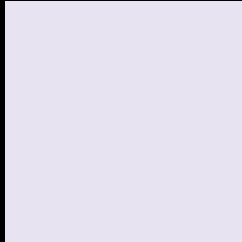
Large Text (above 18pt) WCAG AA × Fail

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 229.9770, 4.9413, 1.7742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

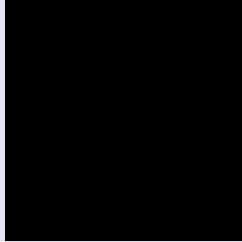
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

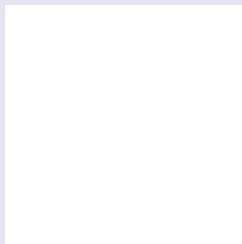
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 229.9770, 4.9413, 1.7742

Background



This preview shows how black text looks on a background with the YUV color 229.9770, 4.9413, 1.7742.



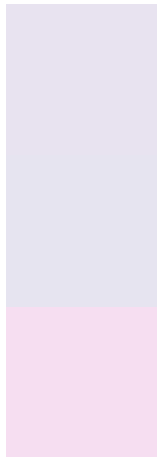
This preview shows how white text looks on a background with the YUV color 229.9770, 4.9413,

1.7742.

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

229.9770, 4.9413, 1.7742

Protanopia

229.9660, 4.9468, 0.0298

Deuteranopia

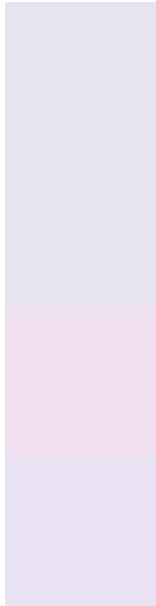
231.3420, 4.7614, 12.8551



Tritanopia

230.1450, 6.8305, 2.5038

Trichromacy



Original Color

229.9770, 4.9413, 1.7742

Protanomaly

230.2650, 4.7994, 0.6446

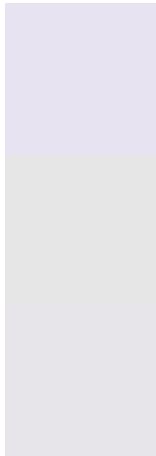
Deuteranomaly

231.0210, 4.9196, 8.7516

Tritanomaly

230.0310, 6.3937, 2.6038

Monochromacy



Original Color

229.9770, 4.9413, 1.7742

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

230.1680, 1.8892, 0.7297

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.9770, 4.9413, 1.7742 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(232, 227, 240)` looks like.

```
.text, #text, p{  
    color:rgb(232, 227, 240)  
}
```

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(232, 227, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 227, 240) }
```

Border

The CSS property to change the border of an element to YUV 229.9770, 4.9413, 1.7742 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(232, 227, 240) }
```


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

```
.border{ border-color:rgb(232, 227, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 227, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 227, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 227, 240);  
box-shadow:4px 4px 4px 4px rgb(232, 227,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 229.9770, 4.9413, 1.7742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 227, 240) }
```

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

```
.background{ background-color: rgb(232,  
227, 240) }
```

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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