

Converting Colors

YUV(237.8630, 7.9555, 15.0291)

Have a look what the booklet for
YUV(237.8630, 7.9555, 15.0291)
contains.

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Color

**YUV(237.8630, 7.9555,
15.0291)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2FE
RGB	255, 226, 254
RGB Percent	100%, 89%, 100%
CMY	0.0000, 0.1137, 0.0039
CMYK	0.00, 0.11, 0.00, 0.00
HSL	302°, 100%, 94%
HSV	302°, 11%, 100%
XYZ	86.3257, 82.8085, 105.1997
YIQ	237.8630, 8.2960, 14.8560

Conversions

Conversions Part 2

Format	Color
RYB	255, 226, 254
Decimal	16769790
CIELab	92.93, 14.69, -9.91
CIElCh	93, 17.715, 325.995
Yxy	82.8085, 0.3147, 0.3019
Android (android.graphics.Color)	4294959870 (0xFFFFE2FE)
YUV	237.8630, 7.9555, 15.0291
Hunter-Lab	90.9992, 10.0843, -4.8429

Details

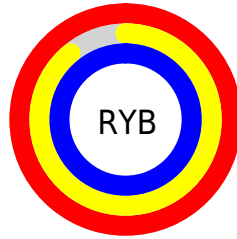
The YUV color $237.8630, 7.9555, 15.0291$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $243.1370, -7.9555, -15.0291$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $182.0370, 7.3768, 13.9996$ is the 20% darker color. If you saturate the color by 10%, you get $223.0740, 14.7535, 27.9991$, and if you desaturate by 10%, it is $252.6520, 1.1576, 2.0592$.

Distribution



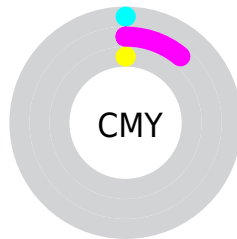
- Red (100%)
- Green (89%)
- Blue (100%)



- Red (100%)
- Yellow (89%)
- Blue (100%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 237.8630, 7.9555, 15.0291 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 237.8630, 7.9555, 15.0291 by changing the saturation by 10% instead.

 237.8630, 7.9555,
15.0291

 237.8630, 7.9555,
15.0291


255.0000, 0.0000,
0.0000

 209.4500, 7.6661,
14.5143

 182.0370, 7.3768,
13.9996

 155.0370, 7.3768,
13.9996

 128.7380, 7.5242,
13.3848

 103.9120, 6.9454,
12.3552

 79.4990, 6.6560,
11.8404

 56.4990, 6.6560,

11.8404

■ 34.6730, 6.0772,
10.8108

■ 11.4500, 7.6662,
14.5144

■ 237.8630, 7.9555,
15.0291

■ 237.8630, 7.9555,
15.0291

■ 223.0740, 14.7535,
27.9991

■ 252.6520, 1.1576,
2.0592

■ 207.6980, 21.8409,
41.4839

255.0000, 0.0000,
0.0000

■ 192.3220, 28.9283,
54.9686

■ 177.5330, 35.7262,
67.9386

■ 162.2710, 43.2504,
81.3233

■ 147.4820, 50.0484,
94.2933

■ 132.6930, 56.8464,
107.2632

■ 117.3170, 63.9337,
120.7480

■ 104.2890, 69.8635,
132.1735

Harmonies

Analogous

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



234.9320, 9.8935, 0.0596



237.8630, 7.9555, 15.0291



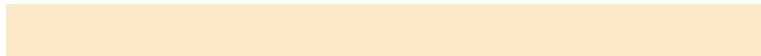
234.2780, 1.8349, 18.1732

Triad

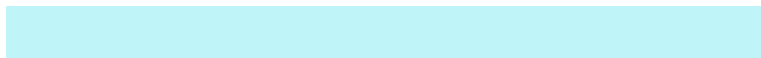
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



237.8630, 7.9555, 15.0291



234.7340, -16.6309, 14.2653



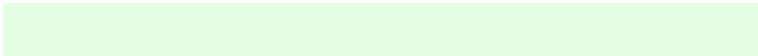
228.7230, 9.9966, -33.0831

Complementary

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



237.8630, 7.9555, 15.0291



243.1370, -7.9555, -15.0291

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.



229.1660, 1.3972, -28.2096



237.8630, 7.9555, 15.0291



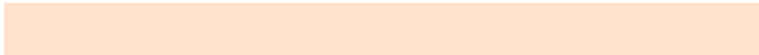
232.3300, -13.9667, -0.2894

Square

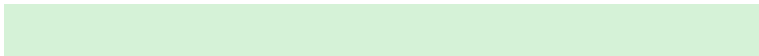
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



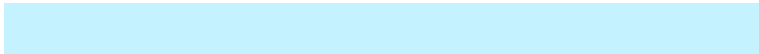
237.8630, 7.9555, 15.0291



233.0920, -12.8634, 19.2133



230.2510, -7.5187, -15.1291



230.0270, 12.3117, -28.9647

Rectangle

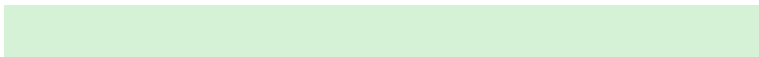
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



237.8630, 7.9555, 15.0291



232.9100, -3.4066, 19.3729



230.2510, -7.5187, -15.1291



228.9250, 6.9390, -32.3832

Sweetspot

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



237.8630, 7.9555, 15.0291



250.3040, 2.3151, 4.1184



229.6050, 12.5197, -2.2846



124.3640, 1.2995, 3.1888



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.



237.8630, 7.9555, 15.0291



233.7540, 9.9813, 18.6327



236.2670, 1.8404, 16.4288



120.2550, 3.3253, 6.7924



78.1990, 52.6529, 98.9265



26.2040, 17.6474, 33.1471

Inverse Universe

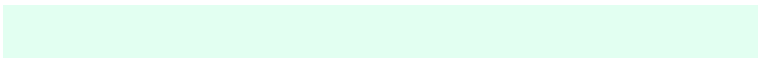
The Inverse Universe completely reimagines the original color for something new.



237.8630, 7.9555, 15.0291



233.7540, 9.9813, 18.6327



244.7330, -1.8404, -16.4288



120.2550, 3.3253, 6.7924



78.1990, 52.6529, 98.9265



26.2040, 17.6474, 33.1471

Previews

White Background



This preview shows how the YUV color 237.8630, 7.9555, 15.0291 looks on a white background.

Color Contrast Check

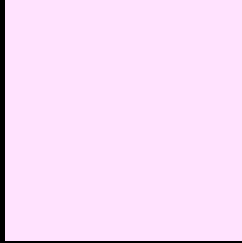
Large Text (above 18pt) WCAG AA × Fail

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 237.8630, 7.9555, 15.0291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

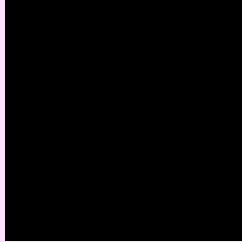
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

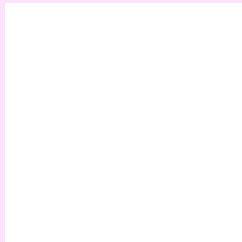
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 237.8630, 7.9555, 15.0291

Background



This preview shows how black text looks on a background with the YUV color 237.8630, 7.9555, 15.0291.



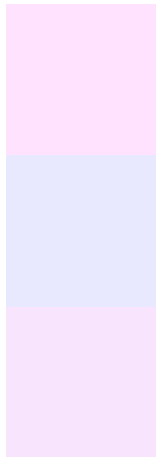
This preview shows how white text looks on a background with the YUV color 237.8630, 7.9555,

15.091.

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

237.8630, 7.9555, 15.0291

Protanopia

235.2090, 9.7570, -2.8143

Deuteranopia

237.2430, 8.2612, 10.3109



Tritanopia

237.1250, 3.8824, 14.7994

Trichromacy



Original Color

237.8630, 7.9555, 15.0291

Protanomaly

235.8400, 9.4459, 3.6483

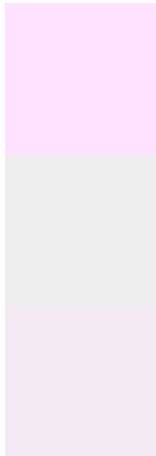
Deuteranomaly

237.2540, 8.2558, 12.0552

Tritanomaly

237.4670, 5.1928, 14.4994

Monochromacy



Original Color

237.8630, 7.9555, 15.0291

Achromatopsia

238.0000, 0.0000, 0.0000

Achromatomaly

238.1300, 2.8939, 5.1480

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.8630, 7.9555, 15.0291 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(255, 226, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 254)  
}
```

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(255, 226, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 254) }
```

Border

The CSS property to change the border of an element to YUV 237.8630, 7.9555, 15.0291 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(255, 226, 254) }
```


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

```
.border{ border-color:rgb(255, 226, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 237.8630, 7.9555, 15.0291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 254) }
```

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

```
.background{ background-color: rgb(255,  
226, 254) }
```

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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