

Converting Colors

YUV(236.8030, 8.9711, 15.9588)

Have a look what the booklet for
YUV(236.8030, 8.9711, 15.9588)
contains.

YUV(236.8030, 8.9711, 15.9588)	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(236.8030, 8.9711,
15.9588)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0FF
RGB	255, 224, 255
RGB Percent	100%, 88%, 100%
CMY	0.0000, 0.1216, 0.0000
CMYK	0.00, 0.12, 0.00, 0.00
HSL	300°, 100%, 94%
HSV	300°, 12%, 100%
XYZ	85.9457, 81.7913, 105.8652
YIQ	236.8030, 8.5250, 16.2130

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 224, 255
Decimal	16769279
CIE _{Lab}	92.48, 15.90, -11.10
CIE _{LCh}	92, 19.393, 325.098
Yxy	81.7913, 0.3141, 0.2989
Android (android.graphics.Color)	4294959359 (0xFFFFE0FF)
YUV	236.8030, 8.9711, 15.9588
Hunter-Lab	90.4385, 11.3648, -6.0965

Details

The YUV color $236.8030, 8.9711, 15.9588$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $242.1970, -8.9711, -15.9588$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.9770, 8.3923, 14.9292$ is the 20% darker color. If you saturate the color by 10%, you get $222.1280, 16.2059, 28.8287$, and if you desaturate by 10%, it is $252.0650, 1.4470, 2.5740$.

Distribution



- Red (100%)
- Green (88%)
- Blue (100%)



- Red (100%)
- Yellow (88%)
- Blue (100%)



- Cyan (0%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.8030, 8.9711, 15.9588 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 236.8030, 8.9711, 15.9588 by changing the saturation by 10% instead.

 236.8030, 8.9711,
15.9588


 236.8030, 8.9711,
15.9588

255.0000, 0.0000,
0.0000

 208.3900, 8.6817,
15.4440

 180.9770, 8.3923,
14.9292

 153.9770, 8.3923,
14.9292

 128.1510, 7.8136,
13.8996

 102.8520, 7.9610,
13.2848

 78.4390, 7.6716,
12.7700

 55.6130, 7.0928,

11.7404

■ 33.6130, 7.0928,
11.7404

■ 11.4500, 7.6662,
14.5144

■ 236.8030, 8.9711,
15.9588

■ 236.8030, 8.9711,
15.9588

■ 222.1280, 16.2059,
28.8287

■ 252.0650, 1.4470,
2.5740

■ 206.8660, 23.7301,
42.2135

255.0000, 0.0000,
0.0000

■ 191.6040, 31.2542,
55.5983

■ 176.9290, 38.4890,
68.4683

■ 162.2540, 45.7238,
81.3382

■ 146.9920, 53.2479,
94.7230

■ 132.3170, 60.4827,
107.5930

■ 117.0550, 68.0069,
120.9778

■ 105.3150, 73.7947,
131.2737

Harmonies

Analogous

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



233.7470, 10.4777, -0.6551



236.8030, 8.9711, 15.9588



232.9900, 1.9769, 19.3028

Triad

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



236.8030, 8.9711, 15.9588



233.1040, -17.7993, 15.6948



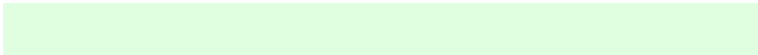
226.8150, 10.4442, -36.6718

Complementary

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



236.8030, 8.9711, 15.9588



242.1970, -8.9711, -15.9588

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.



226.8560, 1.5500, -30.5687



236.8030, 8.9711, 15.9588



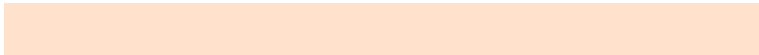
230.9880, -15.2771, 0.0105

Square

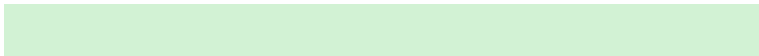
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.8030, 8.9711, 15.9588



231.5760, -13.5950, 20.5428



229.0120, -8.3869, -16.6735



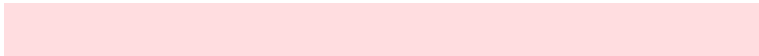
227.6460, 13.4855, -32.1385

Rectangle

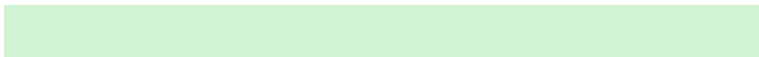
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



236.8030, 8.9711, 15.9588



231.5080, -3.7014, 20.6025



229.0120, -8.3869, -16.6735



226.4300, 7.6760, -35.4571

Sweetspot

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



236.8030, 8.9711, 15.9588



249.1300, 2.8939, 5.1480



227.5340, 13.5407, -3.0993



123.8910, 2.0257, 3.6036



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.



236.8030, 8.9711, 15.9588



232.6940, 10.9969, 19.5624



235.0930, 2.4192, 17.4584



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Inverse Universe

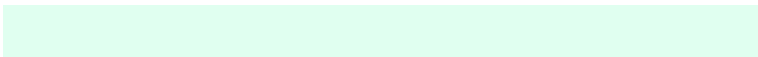
The Inverse Universe completely reimagines the original color for something new.



236.8030, 8.9711, 15.9588



232.6940, 10.9969, 19.5624



244.0210, -1.9824, -17.5584



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 236.8030, 8.9711, 15.9588 looks on a white background.

Color Contrast Check

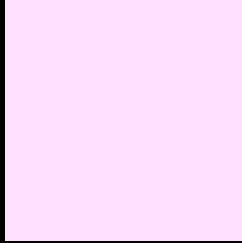
Large Text (above 18pt) WCAG AA × Fail

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 236.8030, 8.9711, 15.9588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

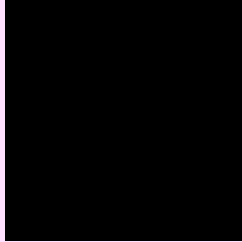
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 236.8030, 8.9711, 15.9588

Background



This preview shows how black text looks on a background with the YUV color 236.8030, 8.9711, 15.9588.



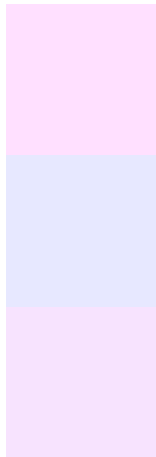
This preview shows how white text looks on a background with the YUV color 236.8030, 8.9711,

15.9588.

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

236.8030, 8.9711, 15.9588

Protanopia

234.3230, 10.1938, -2.9143

Deuteranopia

236.0580, 8.8454, 9.5961



Tritanopia

236.1250, 3.8824, 14.7994

Trichromacy



Original Color

236.8030, 8.9711, 15.9588

Protanomaly

235.2530, 9.7353, 4.1631

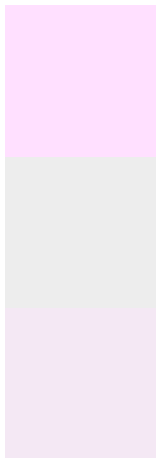
Deuteranomaly

236.3680, 8.6926, 11.9553

Tritanomaly

236.2930, 5.7716, 15.5290

Monochromacy



Original Color

236.8030, 8.9711, 15.9588

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

236.9560, 3.4727, 6.1776

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.8030, 8.9711, 15.9588 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, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 255)  
}
```

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, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 255) }
```

Border

The CSS property to change the border of an element to YUV 236.8030, 8.9711, 15.9588 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, 224, 255) }
```


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

```
.border{ border-color:rgb(255, 224, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 236.8030, 8.9711, 15.9588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 255) }
```

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

```
.background{ background-color: rgb(255,  
224, 255) }
```

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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