

Converting Colors

YUV(233.2350, 0.3771, 19.0879)

Have a look what the booklet for
YUV(233.2350, 0.3771, 19.0879)
contains.

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Color

**YUV(233.2350, 0.3771,
19.0879)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDEEA
RGB	255, 222, 234
RGB Percent	100%, 87%, 92%
CMY	0.0000, 0.1294, 0.0824
CMYK	0.00, 0.13, 0.08, 0.00
HSL	338°, 100%, 94%
HSV	338°, 13%, 100%
XYZ	82.2126, 79.4431, 88.8429
YIQ	233.2350, 15.8160, 10.7280

Conversions

Conversions Part 2

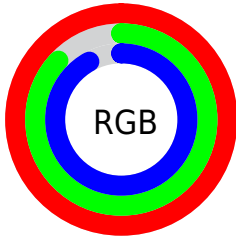
Format	Color
R_{YB}	255, 222, 234
Decimal	16768746
CIE _{Lab}	91.43, 13.32, -1.66
CIE _{LCh}	91, 13.421, 352.906
Yxy	79.4431, 0.3282, 0.3171
Android (android.graphics.Color)	4294958826 (0xFFFFDEEA)
YUV	233.2350, 0.3771, 19.0879
Hunter-Lab	89.1308, 8.6660, 3.2931

Details

The YUV color $233.2350, 0.3771, 19.0879$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $243.7650, -0.3771, -19.0879$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.5230, 0.2352, 17.9583$ is the 20% darker color. If you saturate the color by 10%, you get $216.7360, 0.6232, 33.5575$, and if you desaturate by 10%, it is $250.3210, -0.1583, 4.1035$.

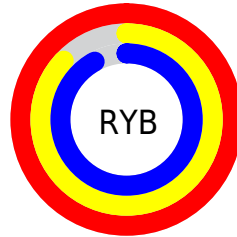
Distribution



Red (100%)

Green (87%)

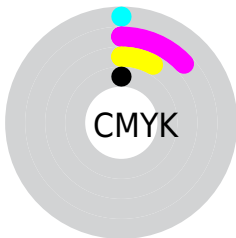
Blue (92%)



Red (100%)

Yellow (87%)

Blue (92%)

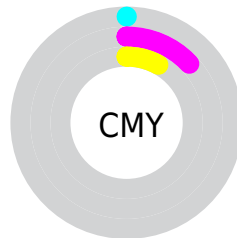


Cyan (0%)

Magenta (13%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 233.2350, 0.3771, 19.0879 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 233.2350, 0.3771, 19.0879 by changing the saturation by 10% instead.


 233.2350, 0.3771,
19.0879


 233.2350, 0.3771,
19.0879


255.0000, 0.0000,
0.0000


 204.9360, 0.5246,
18.4731

 177.5230, 0.2352,
17.9583

 150.6370, 0.6720,
17.8584

 124.9250, 0.5300,
16.7288

 99.6260, 0.6774,
16.1140

 75.9140, 0.5354,
14.9844

 52.6150, 0.6828,

14.3696

■ 31.0170, 0.9776,
13.1401

■ 9.5120, 0.2406,
16.2140

■ 233.2350, 0.3771,
19.0879

■ 233.2350, 0.3771,
19.0879

■ 216.7360, 0.6232,
33.5575

■ 250.3210, -0.1583,
4.1035

■ 199.6500, 1.1586,
48.5420

255.0000, 0.0000,
0.0000

■ 183.0370, 0.9678,
63.1116

■ 165.9510, 1.5032,
78.0960

■ 149.4520, 1.7492,
92.5656

■ 132.3660, 2.2846,
107.5500

■ 115.7530, 2.0938,
122.1196

■ 98.6670, 2.6292,
137.1040

■ 86.8470, 3.0334,
147.4702

Harmonies

Analogous

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



232.7870, 6.5140, 10.7108



233.2350, 0.3771, 19.0879



231.7530, -5.3012, 20.3876

Triad

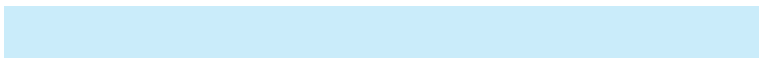
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.2350, 0.3771, 19.0879



229.1390, -10.9145, 0.7551



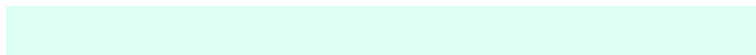
227.4300, 11.1270, -22.3021

Complementary

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



233.2350, 0.3771, 19.0879



243.7650, -0.3771, -19.0879

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.



226.2680, 6.7699, -24.7910



233.2350, 0.3771, 19.0879



227.3270, -6.0772, -10.8108

Square

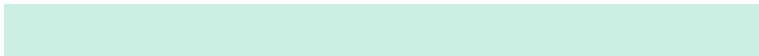
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



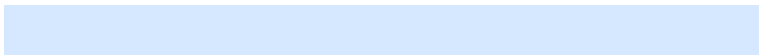
233.2350, 0.3771, 19.0879



230.1620, -12.4049, 12.1359



226.5800, 0.2071, -19.8027



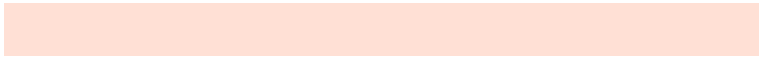
228.9410, 12.8471, -13.9803

Rectangle

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



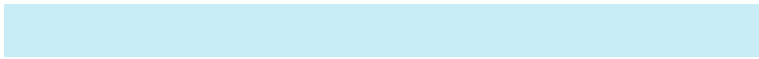
233.2350, 0.3771, 19.0879



232.0150, -9.3744, 20.1578



226.5800, 0.2071, -19.8027



227.0770, 9.8220, -23.7465

Sweetspot

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



233.2350, 0.3771, 19.0879



248.4460, 0.2731, 5.7479



232.0410, 11.3188, 9.6110



123.3210, -0.1583, 4.1035



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

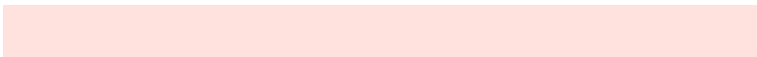
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.2350, 0.3771, 19.0879



227.9690, 0.5083, 23.7062



234.2150, -6.0220, 18.2284



119.3430, -0.1691, 7.5922



65.0890, 2.4211, 110.4239



21.7580, 0.6123, 37.0462

Inverse Universe

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



233.2350, 0.3771, 19.0879



227.9690, 0.5083, 23.7062



242.7850, 6.0220, -18.2284



119.3430, -0.1691, 7.5922



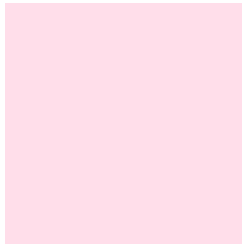
65.0890, 2.4211, 110.4239



21.7580, 0.6123, 37.0462

Previews

White Background



This preview shows how the YUV color 233.2350, 0.3771, 19.0879 looks on a white background.

Color Contrast Check

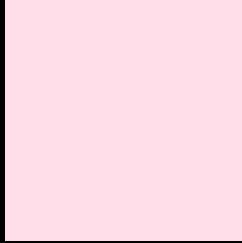
Large Text (above 18pt) WCAG AA × Fail

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 233.2350, 0.3771, 19.0879 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 233.2350, 0.3771, 19.0879

Background



This preview shows how black text looks on a background with the YUV color 233.2350, 0.3771, 19.0879.



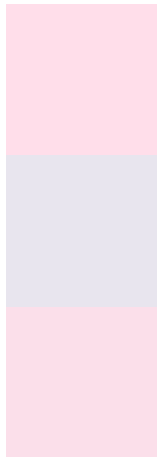
This preview shows how white text looks on a background with the YUV color 233.2350, 0.3771,

19.0879.

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

233.2350, 0.3771, 19.0879

Protanopia

230.9230, 3.4890, 0.9445

Deuteranopia

232.6260, 0.6774, 16.1140



Tritanopia

233.6910, 2.1243, 18.6880

Trichromacy



Original Color

233.2350, 0.3771, 19.0879

Protanomaly

231.4400, 2.7411, 7.5071

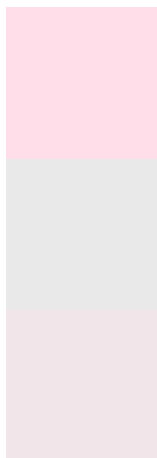
Deuteranomaly

232.9250, 0.5300, 16.7288

Tritanomaly

233.5770, 1.6875, 18.7880

Monochromacy



Original Color

233.2350, 0.3771, 19.0879

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

233.0440, -0.0217, 6.9774

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.2350, 0.3771, 19.0879 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, 222, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 234)  
}
```

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, 222, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 234) }
```

Border

The CSS property to change the border of an element to YUV 233.2350, 0.3771, 19.0879 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, 222, 234) }
```


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

```
.border{ border-color:rgb(255, 222, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 233.2350, 0.3771, 19.0879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 234) }
```

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

```
.background{ background-color: rgb(255,  
222, 234) }
```

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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