

Converting Colors

$Y_{xy}(74.1158, 0.3272, 0.3035)$

Have a look what the booklet for
Yxy(74.1158, 0.3272, 0.3035)
contains.

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Color

Yxy(73.9630, 0.3272, 0.3032)

Conversions

Conversions Part 1

Format	Color
Hex	FFD3ED
RGB	255, 211, 237
RGB Percent	100%, 83%, 93%
CMY	0.0000, 0.1725, 0.0707
CMYK	0.00, 0.17, 0.07, 0.00
HSL	325°, 100%, 91%
HSV	325°, 17%, 100%
XYZ	79.8176, 73.9630, 90.1607
YIQ	227.1200, 17.8780, 17.4140

Conversions

Conversions Part 2

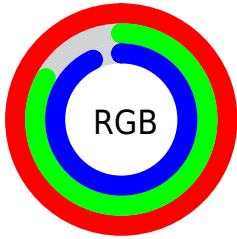
Format	Color
R _Y B	255, 211, 237
Decimal	16765933
CIE Lab	88.90, 19.55, -6.94
CIE LCh	89, 20.744, 340.461
Yxy	73.9630, 0.3272, 0.3032
Android (android.graphics.Color)	4294956013 (0xFFFFD3ED)
YUV	227.1200, 4.8708, 24.4508
Hunter-Lab	86.0017, 15.1615, -1.9560

Details

The Yxy color **73.9630, 0.3272, 0.3032** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **91.0298, 0.3005, 0.3563**, and the grayscale version is **76.8616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1189, 0.3307, 0.2972** is the 20% darker color. If you saturate the color by 10%, you get **61.6898, 0.3378, 0.2875**, and if you desaturate by 10%, it is **88.2852, 0.3183, 0.3184**.

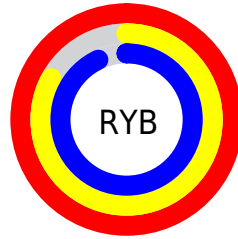
Distribution



Red (100%)

Green (83%)

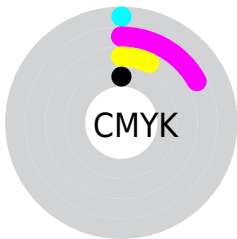
Blue (93%)



Red (100%)

Yellow (83%)

Blue (93%)

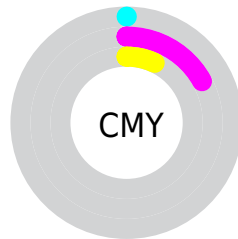


Cyan (0%)

Magenta (17%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.9630, 0.3272, 0.3032 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 Yxy color 73.9630, 0.3272, 0.3032 by changing the saturation by 10% instead.


 73.9630, 0.3272,
0.3032

 73.9630, 0.3272,
0.3032


474.3457, 0.3206,
0.3149

 54.7638, 0.3287,
0.3006


124.8434, 0.3250,
0.3072

 39.2126, 0.3305,
0.2974


157.2933, 0.3241,
0.3088

 26.9252, 0.3327,
0.2935


194.9288, 0.3233,
0.3101

 17.5170, 0.3356,
0.2883

238.1345, 0.3226,
0.3113

 10.6038, 0.3395,
0.2815

287.2946, 0.3221,
0.3123

 5.8011, 0.3450,
0.2720

342.7936, 0.3215,

 2.7245, 0.3532,

0.3133

0.2576

405.0158, 0.3211,
0.3141

0.9897, 0.3671,
0.2338

0.0000, 0.5063,
0.0000

73.9630, 0.3272,
0.3032

73.9630, 0.3272,
0.3032

61.6898, 0.3378,
0.2875

88.2852, 0.3183,
0.3184

51.3650, 0.3503,
0.2718

100.0000, 0.3127,
0.3290

42.8877, 0.3648,
0.2568

36.1456, 0.3812,
0.2435

■ 31.0141, 0.3991,
0.2331

■ 27.3519, 0.4182,
0.2269

■ 24.9929, 0.4376,
0.2257

■ 23.7227, 0.4564,
0.2299

■ 23.4764, 0.4615,
0.2316

Harmonies

Analogous

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



73.9630, 0.3019, 0.2909



73.9630, 0.3272, 0.3032



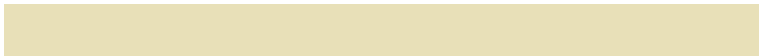
73.9630, 0.3492, 0.3218

Triad

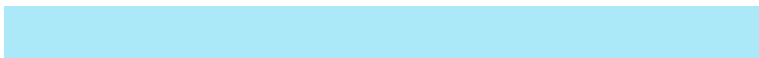
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9630, 0.3272, 0.3032



73.9630, 0.3449, 0.3721



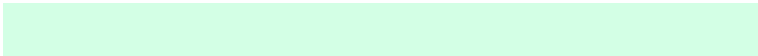
73.9630, 0.2666, 0.3120

Complementary

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



73.9630, 0.3272, 0.3032



91.0298, 0.3005, 0.3563

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.



73.9630, 0.2772, 0.3349



73.9630, 0.3272, 0.3032



73.9630, 0.3220, 0.3709

Square

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



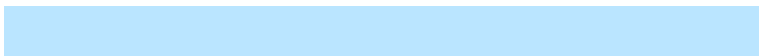
73.9630, 0.3272, 0.3032



73.9630, 0.3595, 0.3613



73.9630, 0.2972, 0.3571



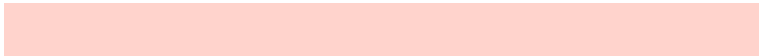
73.9630, 0.2678, 0.2951

Rectangle

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



73.9630, 0.3272, 0.3032



73.9630, 0.3586, 0.3359



73.9630, 0.2972, 0.3571



73.9630, 0.2689, 0.3193

Sweetspot

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



73.9648, 0.3272, 0.3032



91.8010, 0.3165, 0.3218



70.4056, 0.2962, 0.2836



19.4119, 0.3170, 0.3207



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



73.9648, 0.3272, 0.3032



69.1291, 0.3310, 0.2973



72.7798, 0.3428, 0.3246



18.1669, 0.3201, 0.3151



12.2974, 0.4586, 0.2300



1.2191, 0.4385, 0.2189

Inverse Universe

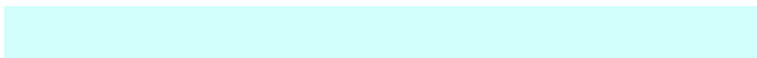
The Inverse Universe completely reimagines the original color for something new.



73.9648, 0.3272, 0.3032



69.1291, 0.3310, 0.2973



92.3100, 0.2889, 0.3335



18.1669, 0.3201, 0.3151



12.2974, 0.4586, 0.2300



1.2191, 0.4385, 0.2189

Previews

White Background



This preview shows how the Yxy color 73.9630, 0.3272, 0.3032 looks on a white background.

Color Contrast Check

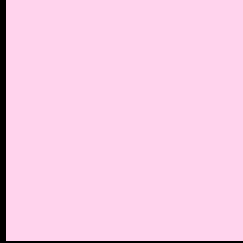
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 73.9630, 0.3272, 0.3032 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](#).

Yxy 73.9630, 0.3272, 0.3032

Background



This preview shows how black text looks on a background with the Yxy color 73.9630, 0.3272, 0.3032.



This preview shows how white text looks on a background with the Yxy color 73.9630, 0.3272, 0.3032.

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

73.9630, 0.3272, 0.3032

Protanopia

74.3038, 0.2987, 0.3058

Deuteranopia

74.2071, 0.3165, 0.3095



Tritanopia

73.8149, 0.3320, 0.3120

Trichromacy



Original Color

73.9630, 0.3272, 0.3032

Protanomaly

73.9861, 0.3089, 0.3052

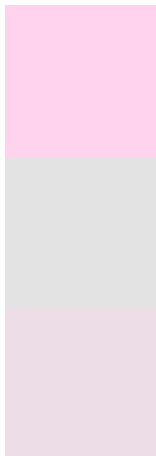
Deuteranomaly

74.0695, 0.3202, 0.3077

Tritanomaly

73.9840, 0.3299, 0.3090

Monochromacy



Original Color

73.9630, 0.3272, 0.3032

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.4869, 0.3175, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9630, 0.3272, 0.3032 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, 211, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 237)  
}
```

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, 211, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 237) }
```

Border

The CSS property to change the border of an element to Yxy 73.9630, 0.3272, 0.3032 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, 211, 237) }
```

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

```
.border{ border-color:rgb(255, 211, 237) }
```

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

Here you see how a box with a 4 pixel rgb(255, 211, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9630, 0.3272, 0.3032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 237) }
```

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

```
.background{ background-color: rgb(255,  
211, 237) }
```

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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