

Converting Colors

$Y_{xy}(74.5799, 0.3319, 0.3121)$

Have a look what the booklet for
Yxy(74.5799, 0.3319, 0.3121)
contains.

Yxy(74.5617, 0.3319, 0.3120)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.5617, 0.3319, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5E6
RGB	255, 213, 230
RGB Percent	100%, 84%, 90%
CMY	0.0001, 0.1647, 0.0979
CMYK	0.00, 0.16, 0.10, 0.00
HSL	336°, 100%, 92%
HSV	336°, 16%, 100%
XYZ	79.3174, 74.5617, 85.1007
YIQ	227.4960, 19.5750, 14.1910

Conversions

Conversions Part 2

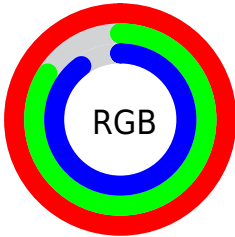
Format	Color
R _Y B	255, 213, 230
Decimal	16766438
CIE Lab	89.19, 17.35, -2.87
CIE LCh	89, 17.581, 350.605
Yxy	74.5617, 0.3319, 0.3120
Android (android.graphics.Color)	4294956518 (0xFFFFD5E6)
YUV	227.4960, 1.2345, 24.1210
Hunter-Lab	86.3491, 12.8531, 2.0116

Details

The Yxy color **74.5617, 0.3319, 0.3120** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.8295, 0.2968, 0.3467**, and the grayscale version is **77.1786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5546, 0.3360, 0.3073** is the 20% darker color. If you saturate the color by 10%, you get **61.9147, 0.3470, 0.3010**, and if you desaturate by 10%, it is **89.3060, 0.3195, 0.3225**.

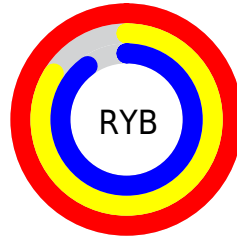
Distribution



Red (100%)

Green (84%)

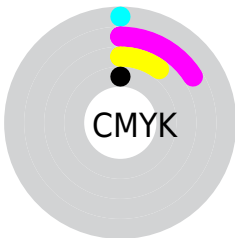
Blue (90%)



Red (100%)

Yellow (84%)

Blue (90%)

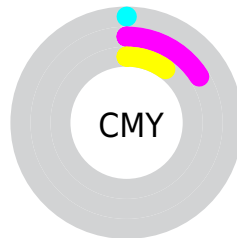


Cyan (0%)

Magenta (16%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.5617, 0.3319, 0.3120 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 74.5617, 0.3319, 0.3120 by changing the saturation by 10% instead.


 74.5617, 0.3319,
0.3120

 74.5617, 0.3319,
0.3120

476.4097, 0.3231,
0.3198

 55.2539, 0.3339,
0.3103

125.6917, 0.3289,
0.3147

 39.6050, 0.3363,
0.3081


158.2828, 0.3277,
0.3157

 27.2307, 0.3394,
0.3054


196.0703, 0.3267,
0.3166

 17.7466, 0.3435,
0.3019

239.4388, 0.3258,
0.3174

 10.7682, 0.3489,
0.2972

288.7725, 0.3250,
0.3181

 5.9112, 0.3567,
0.2906

344.4560, 0.3243,

 2.7912, 0.3688,

0.3187

0.2804

406.8736, 0.3237,
0.3193

■ 1.0237, 0.3900,
0.2630

■ 0.0000, 0.7669,
0.0000

■ 74.5617, 0.3319,
0.3120

■ 74.5617, 0.3319,
0.3120

■ 61.9147, 0.3470,
0.3010

■ 89.3060, 0.3195,
0.3225

■ 51.2591, 0.3652,
0.2900

99.9976, 0.3127,
0.3290

■ 42.4950, 0.3868,
0.2794

■ 35.5095, 0.4120,
0.2703

■ 30.1777, 0.4403,
0.2638

■ 26.3581, 0.4708,
0.2612

■ 23.8855, 0.5017,
0.2636

■ 22.5531, 0.5306,
0.2715

■ 22.2457, 0.5403,
0.2750

Harmonies

Analogous

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



74.5617, 0.3108, 0.2993



74.5617, 0.3319, 0.3120



74.5617, 0.3481, 0.3291

Triad

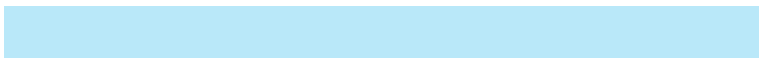
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5617, 0.3319, 0.3120



74.5617, 0.3340, 0.3662



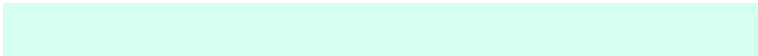
74.5617, 0.2727, 0.3092

Complementary

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



74.5617, 0.3319, 0.3120



91.8295, 0.2968, 0.3467

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.



74.5617, 0.2785, 0.3274



74.5617, 0.3319, 0.3120



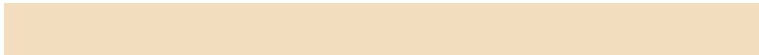
74.5617, 0.3135, 0.3613

Square

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



74.5617, 0.3319, 0.3120



74.5617, 0.3492, 0.3605



74.5617, 0.2932, 0.3468



74.5617, 0.2772, 0.2972

Rectangle

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



74.5617, 0.3319, 0.3120



74.5617, 0.3536, 0.3410



74.5617, 0.2932, 0.3468



74.5617, 0.2735, 0.3147

Sweetspot

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



74.5650, 0.3319, 0.3120



91.6547, 0.3179, 0.3240



72.9013, 0.3024, 0.2865



19.3763, 0.3187, 0.3233



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

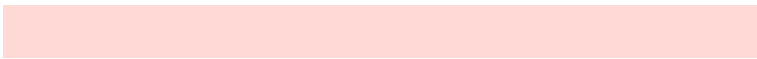
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5650, 0.3319, 0.3120



69.8650, 0.3369, 0.3082



75.4333, 0.3437, 0.3326



18.1092, 0.3230, 0.3194



11.6529, 0.5361, 0.2727



1.1556, 0.5062, 0.2562

Inverse Universe

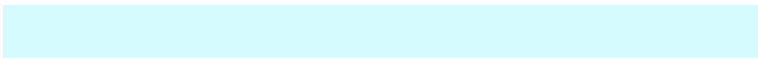
The Inverse Universe completely reimagines the original color for something new.



74.5650, 0.3319, 0.3120



69.8650, 0.3369, 0.3082



90.6666, 0.2876, 0.3253



18.1092, 0.3230, 0.3194



11.6529, 0.5361, 0.2727



1.1556, 0.5062, 0.2562

Previews

White Background



This preview shows how the Yxy color 74.5617, 0.3319, 0.3120 looks on a white background.

Color Contrast Check

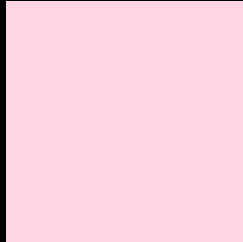
Large Text (above 18pt) WCAG AA × Fail

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 74.5617, 0.3319, 0.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

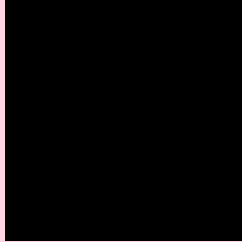
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.5617, 0.3319, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 74.5617, 0.3319, 0.3120.



This preview shows how white text looks on a background with the Yxy color 74.5617, 0.3319, 0.3120.

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

74.5617, 0.3319, 0.3120

Protanopia

74.8390, 0.3057, 0.3153

Deuteranopia

74.5159, 0.3242, 0.3167



Tritanopia

74.5617, 0.3319, 0.3120

Trichromacy



Original Color

74.5617, 0.3319, 0.3120

Protanomaly

74.4364, 0.3149, 0.3134

Deuteranomaly

74.7253, 0.3272, 0.3158

Tritanomaly

74.5617, 0.3319, 0.3120

Monochromacy



Original Color

74.5617, 0.3319, 0.3120

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.6096, 0.3194, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5617, 0.3319, 0.3120 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, 213, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 230)  
}
```

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, 213, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 230) }
```

Border

The CSS property to change the border of an element to Yxy 74.5617, 0.3319, 0.3120 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, 213, 230) }
```

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

```
.border{ border-color:rgb(255, 213, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5617, 0.3319, 0.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 230) }
```

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

```
.background{ background-color: rgb(255,  
213, 230) }
```

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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