

Converting Colors

$Y_{xy}(79.9406, 0.3224, 0.3088)$

Have a look what the booklet for
Yxy(79.9406, 0.3224, 0.3088)
contains.

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Color

Yxy(79.9736, 0.3221, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	FFDEF3
RGB	255, 222, 243
RGB Percent	100%, 87%, 95%
CMY	0.0002, 0.1293, 0.0471
CMYK	0.00, 0.13, 0.05, 0.00
HSL	322°, 100%, 94%
HSV	322°, 13%, 100%
XYZ	83.5263, 79.9736, 95.8179
YIQ	234.2610, 12.9270, 13.5270

Conversions

Conversions Part 2

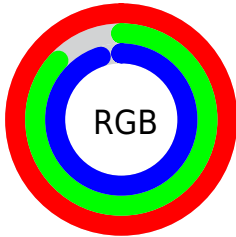
Format	Color
R _Y B	255, 222, 243
Decimal	16768755
CIE Lab	91.67, 14.81, -6.01
CIE LCh	92, 15.989, 337.904
Yxy	79.9736, 0.3221, 0.3084
Android (android.graphics.Color)	4294958835 (0xFFFFDEF3)
YUV	234.2610, 4.3083, 18.1881
Hunter-Lab	89.4280, 10.2211, -0.9269

Details

The Yxy color **79.9736, 0.3221, 0.3084** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.9682, 0.3044, 0.3505**, and the grayscale version is **82.4458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.2311, 0.3239, 0.3039** is the 20% darker color. If you saturate the color by 10%, you get **66.8946, 0.3309, 0.2917**, and if you desaturate by 10%, it is **95.1358, 0.3147, 0.3245**.

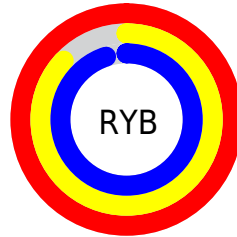
Distribution



Red (100%)

Green (87%)

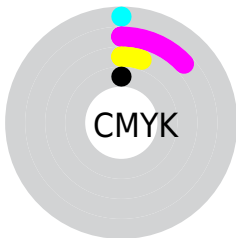
Blue (95%)



Red (100%)

Yellow (87%)

Blue (95%)

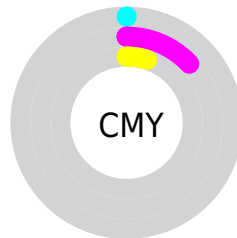


Cyan (0%)

Magenta (13%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (13%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.9736, 0.3221, 0.3084 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 79.9736, 0.3221, 0.3084 by changing the saturation by 10% instead.

 79.9736, 0.3221,
0.3084

 79.9736, 0.3221,
0.3084


494.8439, 0.3179,
0.3176

 59.6966, 0.3230,
0.3064


133.3286, 0.3207,
0.3115

 43.1742, 0.3242,
0.3039


167.1754, 0.3201,
0.3128

 30.0218, 0.3256,
0.3008


206.3144, 0.3196,
0.3139

 19.8551, 0.3273,
0.2968

251.1297, 0.3192,
0.3148

 12.2898, 0.3297,
0.2916

302.0060, 0.3188,
0.3156

 6.9413, 0.3330,
0.2843

359.3275, 0.3185,

 3.4254, 0.3379,

0.3164

0.2736

423.4787, 0.3182,
0.3170

■ 1.3577, 0.3458,
0.2561

■ 0.1852, 0.3998,
0.1377

■ 79.9736, 0.3221,
0.3084

■ 79.9736, 0.3221,
0.3084

■ 66.8946, 0.3309,
0.2917

■ 95.1358, 0.3147,
0.3245

■ 55.7961, 0.3413,
0.2748

99.9925, 0.3127,
0.3290

■ 46.5828, 0.3533,
0.2583

■ 39.1469, 0.3669,
0.2431

■ 33.3700, 0.3819,
0.2304

■ 29.1188, 0.3980,
0.2213

■ 26.2397, 0.4145,
0.2169

■ 24.5459, 0.4309,
0.2177

■ 23.8715, 0.4421,
0.2209

Harmonies

Analogous

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



79.9736, 0.3032, 0.2996



79.9736, 0.3221, 0.3084



79.9736, 0.3389, 0.3224

Triad

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



79.9736, 0.3221, 0.3084



79.9736, 0.3382, 0.3610



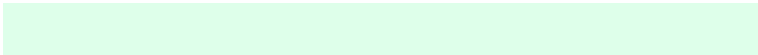
79.9736, 0.2781, 0.3179

Complementary

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



79.9736, 0.3221, 0.3084



92.9682, 0.3044, 0.3505

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.



79.9736, 0.2870, 0.3351



79.9736, 0.3221, 0.3084



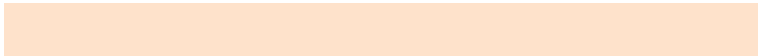
79.9736, 0.3215, 0.3606

Square

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



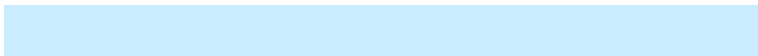
79.9736, 0.3221, 0.3084



79.9736, 0.3483, 0.3526



79.9736, 0.3027, 0.3510



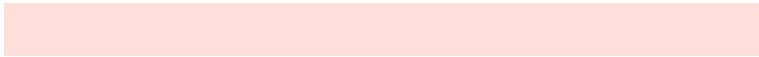
79.9736, 0.2782, 0.3044

Rectangle

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



79.9736, 0.3221, 0.3084



79.9736, 0.3464, 0.3331



79.9736, 0.3027, 0.3510



79.9736, 0.2802, 0.3234

Sweetspot

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



79.9771, 0.3221, 0.3084



93.4274, 0.3154, 0.3228



76.8881, 0.2997, 0.2956



19.7410, 0.3159, 0.3216



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.



79.9771, 0.3221, 0.3084



75.7558, 0.3247, 0.3033



79.0507, 0.3330, 0.3241



18.1817, 0.3194, 0.3140



12.5074, 0.4396, 0.2195



1.2388, 0.4224, 0.2101

Inverse Universe

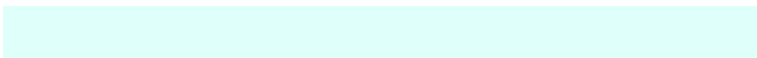
The Inverse Universe completely reimagines the original color for something new.



79.9771, 0.3221, 0.3084



75.7558, 0.3247, 0.3033



93.9314, 0.2956, 0.3339



18.1817, 0.3194, 0.3140



12.5074, 0.4396, 0.2195



1.2388, 0.4224, 0.2101

Previews

White Background



This preview shows how the Yxy color 79.9736, 0.3221, 0.3084 looks on a white background.

Color Contrast Check

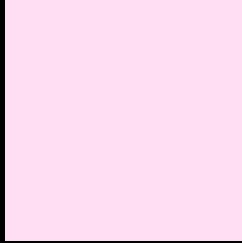
Large Text (above 18pt) WCAG AA × Fail

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 79.9736, 0.3221, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

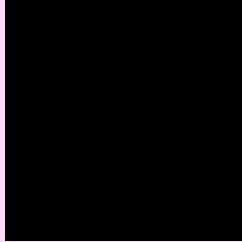
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.9736, 0.3221, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 79.9736, 0.3221, 0.3084.



This preview shows how white text looks on a background with the Yxy color 79.9736, 0.3221, 0.3084.

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

79.9736, 0.3221, 0.3084

Protanopia

80.3599, 0.3022, 0.3106

Deuteranopia

79.9221, 0.3178, 0.3101



Tritanopia

80.3266, 0.3240, 0.3123

Trichromacy



Original Color

79.9736, 0.3221, 0.3084

Protanomaly

80.1173, 0.3095, 0.3098

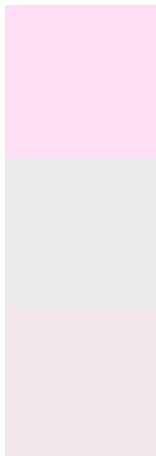
Deuteranomaly

79.7556, 0.3192, 0.3092

Tritanomaly

80.3862, 0.3234, 0.3113

Monochromacy



Original Color

79.9736, 0.3221, 0.3084

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.5853, 0.3165, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.9736, 0.3221, 0.3084 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 243) }
```

Border

The CSS property to change the border of an element to Yxy 79.9736, 0.3221, 0.3084 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, 243) }
```

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

```
.border{ border-color:rgb(255, 222, 243) }
```

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, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 79.9736, 0.3221, 0.3084 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, 243) }
```

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

```
.background{ background-color: rgb(255,  
222, 243) }
```

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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