

Converting Colors

$Yxy(79.8488, 0.3297, 0.3205)$

Have a look what the booklet for
Yxy(79.8488, 0.3297, 0.3205)
contains.

Yxy(79.8615, 0.3295, 0.3201)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.8615, 0.3295, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	FFDFE8
RGB	255, 223, 232
RGB Percent	100%, 87%, 91%
CMY	0.0000, 0.1255, 0.0902
CMYK	0.00, 0.13, 0.09, 0.00
HSL	343°, 100%, 94%
HSV	343°, 13%, 100%
XYZ	82.2067, 79.8615, 87.4210
YIQ	233.5940, 16.1830, 9.5830

Conversions

Conversions Part 2

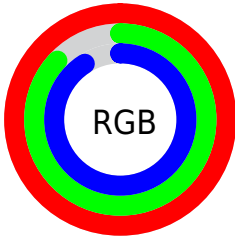
Format	Color
R_{YB}	255, 223, 232
Decimal	16769000
CIE Lab	91.62, 12.50, -0.33
CIE LCh	92, 12.500, 358.485
Yxy	79.8615, 0.3295, 0.3201
Android (android.graphics.Color)	4294959080 (0xFFFFDFE8)
YUV	233.5940, -0.7858, 18.7731
Hunter-Lab	89.3653, 7.8121, 4.5556

Details

The Yxy color **79.8615, 0.3295, 0.3201** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.8595, 0.2983, 0.3381**, and the grayscale version is **81.9465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.1456, 0.3335, 0.3189** is the 20% darker color. If you saturate the color by 10%, you get **66.2527, 0.3463, 0.3125**, and if you desaturate by 10%, it is **95.6175, 0.3158, 0.3273**.

Distribution



Red (100%)

Green (87%)

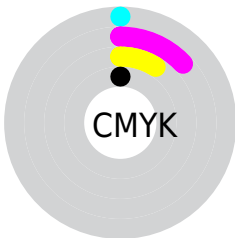
Blue (91%)



Red (100%)

Yellow (87%)

Blue (91%)



Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.8615, 0.3295, 0.3201 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 79.8615, 0.3295, 0.3201 by changing the saturation by 10% instead.


 79.8615, 0.3295,
0.3201

 79.8615, 0.3295,
0.3201


494.4660, 0.3219,
0.3242

 59.6044, 0.3312,
0.3192


133.1710, 0.3269,
0.3215

 43.0998, 0.3333,
0.3181


166.9922, 0.3258,
0.3220

 29.9635, 0.3360,
0.3167


206.1035, 0.3250,
0.3225

 19.8109, 0.3394,
0.3148

250.8893, 0.3242,
0.3229

 12.2576, 0.3440,
0.3124

301.7341, 0.3235,
0.3233

 6.9194, 0.3506,
0.3089

359.0222, 0.3229,

 3.4117, 0.3606,

0.3236

0.3037

423.1380, 0.3223,
0.3239

■ 1.3503, 0.3778,
0.2946

■ 0.1796, 0.5443,
0.2055

■ 79.8615, 0.3295,
0.3201

■ 79.8615, 0.3295,
0.3201

■ 66.2527, 0.3463,
0.3125

■ 95.6175, 0.3158,
0.3273

■ 54.7162, 0.3670,
0.3048

100.0000, 0.3127,
0.3290

■ 45.1436, 0.3920,
0.2973

■ 37.4244, 0.4218,
0.2907

■ 31.4369, 0.4560,
0.2859

■ 27.0450, 0.4933,
0.2842

■ 24.0917, 0.5311,
0.2866

■ 22.3875, 0.5657,
0.2936

■ 21.7246, 0.5875,
0.3010

Harmonies

Analogous

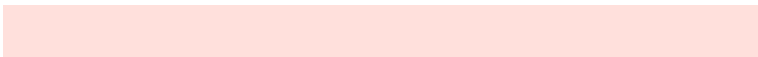
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8615, 0.3155, 0.3100



79.8615, 0.3295, 0.3201



79.8615, 0.3391, 0.3326

Triad

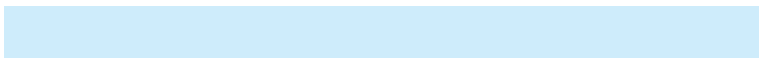
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.8615, 0.3295, 0.3201



79.8615, 0.3241, 0.3545



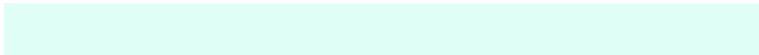
79.8615, 0.2848, 0.3127

Complementary

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



79.8615, 0.3295, 0.3201



93.8595, 0.2983, 0.3381

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.



79.8615, 0.2870, 0.3245



79.8615, 0.3295, 0.3201



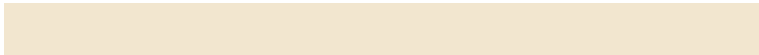
79.8615, 0.3095, 0.3491

Square

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



79.8615, 0.3295, 0.3201



79.8615, 0.3359, 0.3526



79.8615, 0.2960, 0.3380



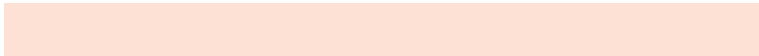
79.8615, 0.2898, 0.3056

Rectangle

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



79.8615, 0.3295, 0.3201



79.8615, 0.3416, 0.3408



79.8615, 0.2960, 0.3380



79.8615, 0.2847, 0.3162

Sweetspot

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



79.8549, 0.3295, 0.3201



93.2007, 0.3176, 0.3263



79.5691, 0.3080, 0.2973



19.6837, 0.3185, 0.3257



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

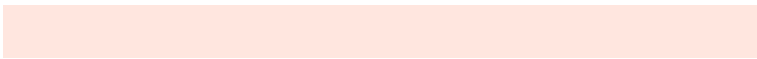
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8549, 0.3295, 0.3201



76.3313, 0.3333, 0.3183



83.1384, 0.3347, 0.3360



18.0711, 0.3250, 0.3223



11.3734, 0.5833, 0.2987



1.1251, 0.5514, 0.2811

Inverse Universe

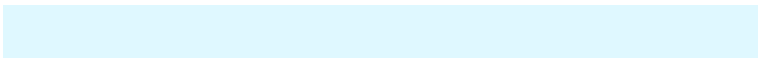
The Inverse Universe completely reimagines the original color for something new.



79.8549, 0.3295, 0.3201



76.3313, 0.3333, 0.3183



90.0803, 0.2933, 0.3219



18.0711, 0.3250, 0.3223



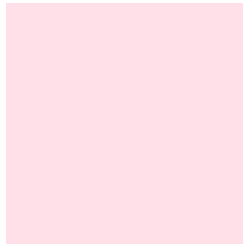
11.3734, 0.5833, 0.2987



1.1251, 0.5514, 0.2811

Previews

White Background



This preview shows how the Yxy color 79.8615, 0.3295, 0.3201 looks on a white background.

Color Contrast Check

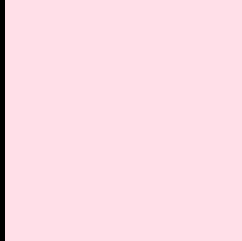
Large Text (above 18pt) WCAG AA × Fail

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 79.8615, 0.3295, 0.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

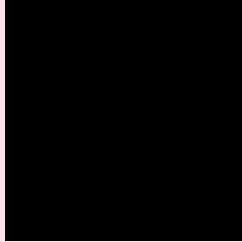
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.8615, 0.3295, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 79.8615, 0.3295, 0.3201.

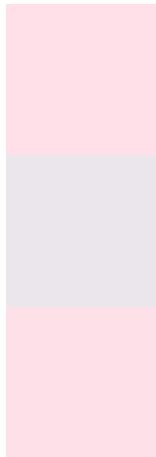


This preview shows how white text looks on a background with the Yxy color 79.8615, 0.3295, 0.3201.

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

79.8615, 0.3295, 0.3201

Protanopia

80.1422, 0.3116, 0.3228

Deuteranopia

80.0202, 0.3279, 0.3211



Tritanopia

79.7345, 0.3248, 0.3122

Trichromacy



Original Color

79.8615, 0.3295, 0.3201

Protanomaly

79.8136, 0.3179, 0.3209

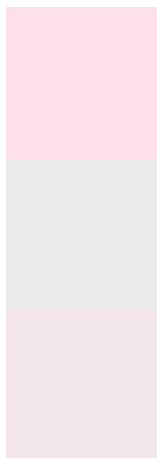
Deuteranomaly

80.2083, 0.3286, 0.3211

Tritanomaly

79.5587, 0.3268, 0.3152

Monochromacy



Original Color

79.8615, 0.3295, 0.3201

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.3541, 0.3190, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.8615, 0.3295, 0.3201 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, 223, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 232)  
}
```

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, 223, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 232) }
```

Border

The CSS property to change the border of an element to Yxy 79.8615, 0.3295, 0.3201 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, 223, 232) }
```

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

```
.border{ border-color:rgb(255, 223, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 79.8615, 0.3295, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 232) }
```

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

```
.background{ background-color: rgb(255,  
223, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor