

Converting Colors

$Yxy(81.6792, 0.3392, 0.3206)$

Have a look what the booklet for
Yxy(81.6792, 0.3392, 0.3206)
contains.

Yxy(79.2721, 0.3302, 0.3201)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(79.2721, 0.3302, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	FFDEE7
RGB	255, 222, 231
RGB Percent	100%, 87%, 91%
CMY	0.0002, 0.1293, 0.0941
CMYK	0.00, 0.13, 0.09, 0.00
HSL	344°, 100%, 94%
HSV	344°, 13%, 100%
XYZ	81.7733, 79.2721, 86.6025
YIQ	232.8930, 16.7790, 9.7950

Conversions

Conversions Part 2

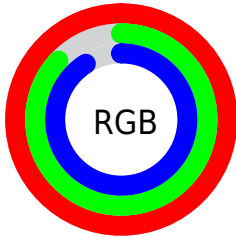
Format	Color
R_{YB}	255, 222, 231
Decimal	16768743
CIE _{Lab}	91.36, 12.80, -0.21
CIE _{LCh}	91, 12.803, 359.078
Yxy	79.2721, 0.3302, 0.3201
Android (android.graphics.Color)	4294958823 (0xFFFFDDEE7)
YUV	232.8930, -0.9332, 19.3878
Hunter-Lab	89.0349, 8.1308, 4.6542

Details

The Yxy color **79.2721, 0.3302, 0.3201** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.6741, 0.2978, 0.3381**, and the grayscale version is **81.3979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.7383, 0.3346, 0.3189** is the 20% darker color. If you saturate the color by 10%, you get **65.7468, 0.3474, 0.3128**, and if you desaturate by 10%, it is **94.9631, 0.3163, 0.3271**.

Distribution



Red (100%)

Green (87%)

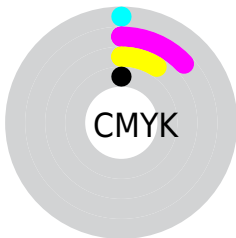
Blue (91%)



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 79.2721, 0.3302, 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 79.2721, 0.3302, 0.3201 by changing the saturation by 10% instead.

 79.2721, 0.3302,
0.3201

 79.2721, 0.3302,
0.3201


492.4764, 0.3222,
0.3242

 59.1196, 0.3320,
0.3192

132.3419, 0.3275,
0.3215

 42.7094, 0.3342,
0.3181

166.0279, 0.3264,
0.3220

 29.6571, 0.3370,
0.3166


204.9938, 0.3255,
0.3225

 19.5785, 0.3406,
0.3148

249.6241, 0.3246,
0.3229

 12.0890, 0.3454,
0.3123

300.3031, 0.3239,
0.3233

 6.8043, 0.3523,
0.3088

357.4152, 0.3233,

 3.3400, 0.3629,

0.3236

0.3035

421.3448, 0.3227,
0.3239

■ 1.3117, 0.3811,
0.2943

■ 0.1503, 0.5811,
0.1918

■ 79.2721, 0.3302,
0.3201

■ 79.2721, 0.3302,
0.3201

■ 65.7468, 0.3474,
0.3128

■ 94.9631, 0.3163,
0.3271

■ 54.2815, 0.3684,
0.3052

99.9910, 0.3127,
0.3290

■ 44.7776, 0.3940,
0.2980

■ 37.1242, 0.4243,
0.2916

■ 31.1990, 0.4591,
0.2871

■ 26.8651, 0.4970,
0.2857

■ 23.9646, 0.5351,
0.2884

■ 22.3063, 0.5696,
0.2956

■ 21.6885, 0.5902,
0.3025

Harmonies

Analogous

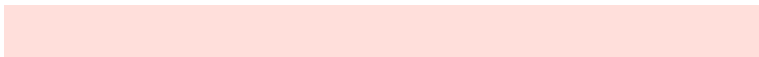
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2721, 0.3158, 0.3097



79.2721, 0.3302, 0.3201



79.2721, 0.3399, 0.3329

Triad

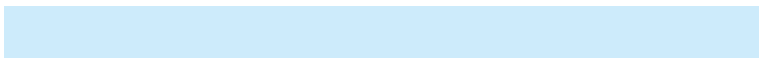
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2721, 0.3302, 0.3201



79.2721, 0.3241, 0.3552



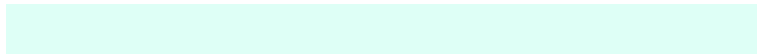
79.2721, 0.2841, 0.3120

Complementary

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



79.2721, 0.3302, 0.3201



93.6741, 0.2978, 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.



79.2721, 0.2862, 0.3241



79.2721, 0.3302, 0.3201



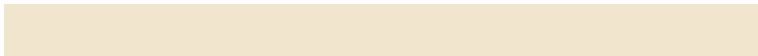
79.2721, 0.3091, 0.3495

Square

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



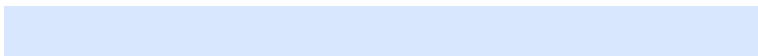
79.2721, 0.3302, 0.3201



79.2721, 0.3363, 0.3534



79.2721, 0.2953, 0.3380



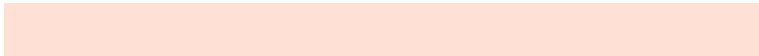
79.2721, 0.2894, 0.3049

Rectangle

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



79.2721, 0.3302, 0.3201



79.2721, 0.3424, 0.3413



79.2721, 0.2953, 0.3380



79.2721, 0.2840, 0.3156

Sweetspot

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



79.2756, 0.3302, 0.3201



93.1955, 0.3176, 0.3263



78.9958, 0.3078, 0.2964



19.6824, 0.3186, 0.3258



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

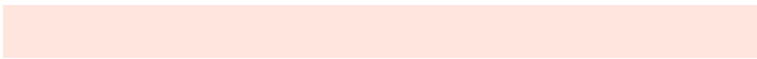
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2756, 0.3302, 0.3201



76.3138, 0.3335, 0.3186



82.6516, 0.3355, 0.3362



18.0686, 0.3251, 0.3225



11.3588, 0.5861, 0.3002



1.1234, 0.5542, 0.2827

Inverse Universe

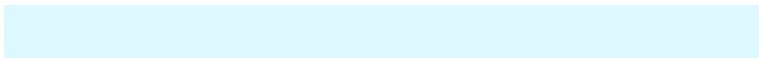
The Inverse Universe completely reimagines the original color for something new.



79.2756, 0.3302, 0.3201



76.3138, 0.3335, 0.3186



89.7727, 0.2927, 0.3217



18.0686, 0.3251, 0.3225



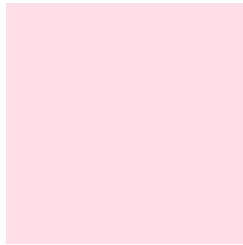
11.3588, 0.5861, 0.3002



1.1234, 0.5542, 0.2827

Previews

White Background



This preview shows how the Yxy color 79.2721, 0.3302, 0.3201 looks on a white background.

Color Contrast Check

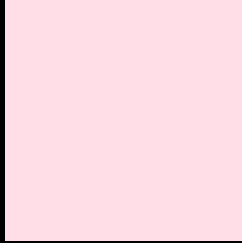
Large Text (above 18pt) WCAG AA × Fail

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 79.2721, 0.3302, 0.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

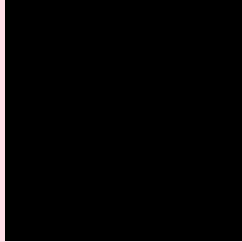
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.2721, 0.3302, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 79.2721, 0.3302, 0.3201.

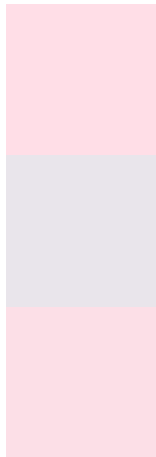


This preview shows how white text looks on a background with the Yxy color 79.2721, 0.3302, 0.3201.

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

79.2721, 0.3302, 0.3201

Protanopia

79.3604, 0.3116, 0.3228

Deuteranopia

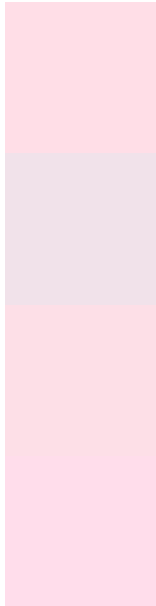
79.2403, 0.3280, 0.3210



Tritanopia

79.1459, 0.3256, 0.3122

Trichromacy



Original Color

79.2721, 0.3302, 0.3201

Protanomaly

79.0340, 0.3180, 0.3209

Deuteranomaly

79.4275, 0.3287, 0.3211

Tritanomaly

78.9711, 0.3276, 0.3152

Monochromacy



Original Color

79.2721, 0.3302, 0.3201

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.5656, 0.3191, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2721, 0.3302, 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, 222, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 231) }
```

Border

The CSS property to change the border of an element to Yxy 79.2721, 0.3302, 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, 222, 231) }
```

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

```
.border{ border-color:rgb(255, 222, 231) }
```

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, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2721, 0.3302, 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, 222, 231) }
```

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

```
.background{ background-color: rgb(255,  
222, 231) }
```

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