

Converting Colors

$Y_{xy}(79.5589, 0.3301, 0.3205)$

Have a look what the booklet for
Yxy(79.5589, 0.3301, 0.3205)
contains.

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Color

Yxy(79.8049, 0.3301, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	FFDFE7
RGB	255, 223, 231
RGB Percent	100%, 87%, 91%
CMY	0.0002, 0.1254, 0.0941
CMYK	0.00, 0.13, 0.09, 0.00
HSL	345°, 100%, 94%
HSV	345°, 13%, 100%
XYZ	82.0417, 79.8049, 86.6893
YIQ	233.4800, 16.5040, 9.2720

Conversions

Conversions Part 2

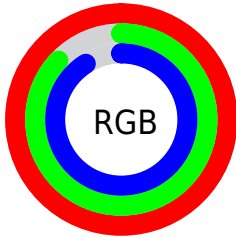
Format	Color
R_{YB}	255, 223, 231
Decimal	16768999
CIE _{Lab}	91.60, 12.29, 0.15
CIE _{LCh}	92, 12.287, 0.680
Y _{xy}	79.8049, 0.3301, 0.3211
Android (android.graphics.Color)	4294959079 (0xFFFFDFE7)
Y _{UV}	233.4800, -1.2226, 18.8730
Hunter-Lab	89.3336, 7.5961, 4.9985

Details

The Yxy color **79.8049, 0.3301, 0.3211** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.8994, 0.2978, 0.3371**, and the grayscale version is **81.8659, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.1062, 0.3344, 0.3202** is the 20% darker color. If you saturate the color by 10%, you get **66.1713, 0.3477, 0.3144**, and if you desaturate by 10%, it is **95.6149, 0.3159, 0.3275**.

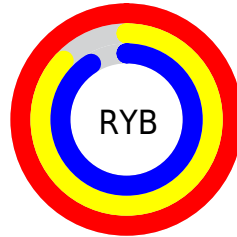
Distribution



Red (100%)

Green (87%)

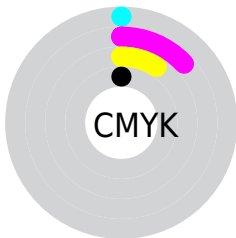
Blue (91%)



Red (100%)

Yellow (87%)

Blue (91%)

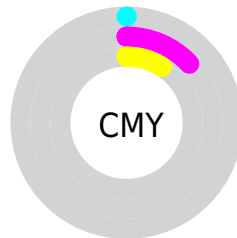


Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (13%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.8049, 0.3301, 0.3211 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 79.8049, 0.3301, 0.3211 by changing the saturation by 10% instead.

 79.8049, 0.3301,
0.3211

 79.8049, 0.3301,
0.3211

494.2751, 0.3222,
0.3247

 59.5578, 0.3319,
0.3203


133.0914, 0.3274,
0.3223

 43.0623, 0.3341,
0.3193


166.8996, 0.3263,
0.3228

 29.9340, 0.3368,
0.3180

205.9970, 0.3254,
0.3233

 19.7885, 0.3404,
0.3164

250.7679, 0.3246,
0.3236

 12.2414, 0.3452,
0.3142

301.5968, 0.3239,
0.3239

 6.9083, 0.3520,
0.3111

358.8680, 0.3232,

 3.4048, 0.3625,

0.3242

0.3063

422.9660, 0.3227,
0.3245

■ 1.3466, 0.3804,
0.2980

■ 0.1768, 0.5658,
0.2138

■ 79.8049, 0.3301,
0.3211

■ 79.8049, 0.3301,
0.3211

■ 66.1713, 0.3477,
0.3144

■ 95.6149, 0.3159,
0.3275

■ 54.6084, 0.3693,
0.3075

99.9926, 0.3127,
0.3290

■ 45.0174, 0.3955,
0.3008

■ 37.2873, 0.4268,
0.2950

■ 31.2959, 0.4627,
0.2909

■ 26.9066, 0.5017,
0.2898

■ 23.9618, 0.5409,
0.2925

■ 22.2713, 0.5760,
0.2995

■ 21.6205, 0.5975,
0.3065

Harmonies

Analogous

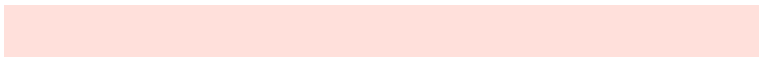
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8049, 0.3165, 0.3109



79.8049, 0.3301, 0.3211



79.8049, 0.3391, 0.3334

Triad

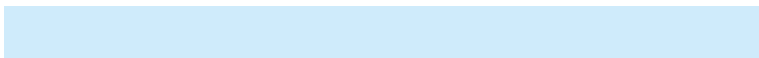
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.8049, 0.3301, 0.3211



79.8049, 0.3229, 0.3539



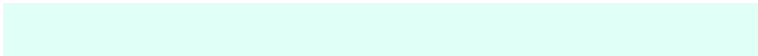
79.8049, 0.2854, 0.3123

Complementary

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



79.8049, 0.3301, 0.3211



93.8994, 0.2978, 0.3371

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.



79.8049, 0.2870, 0.3236



79.8049, 0.3301, 0.3211



79.8049, 0.3085, 0.3481

Square

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



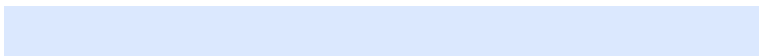
79.8049, 0.3301, 0.3211



79.8049, 0.3348, 0.3526



79.8049, 0.2954, 0.3369



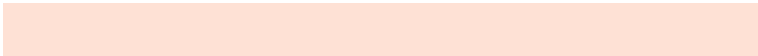
79.8049, 0.2908, 0.3057

Rectangle

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



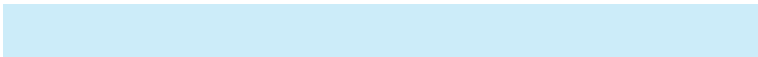
79.8049, 0.3301, 0.3211



79.8049, 0.3411, 0.3414



79.8049, 0.2954, 0.3369



79.8049, 0.2851, 0.3156

Sweetspot

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



79.8084, 0.3301, 0.3211



93.1811, 0.3178, 0.3266



79.6761, 0.3083, 0.2974



19.6787, 0.3188, 0.3261



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

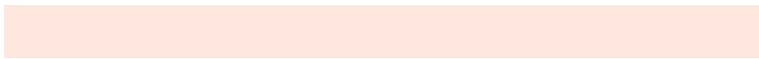
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8084, 0.3301, 0.3211



76.2656, 0.3341, 0.3195



83.4382, 0.3346, 0.3365



18.0616, 0.3255, 0.3231



11.3211, 0.5935, 0.3043



1.1189, 0.5620, 0.2870

Inverse Universe

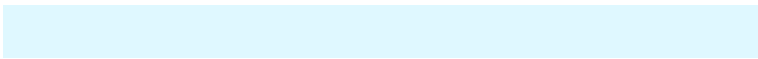
The Inverse Universe completely reimagines the original color for something new.



79.8084, 0.3301, 0.3211



76.2656, 0.3341, 0.3195



89.7410, 0.2933, 0.3214



18.0616, 0.3255, 0.3231



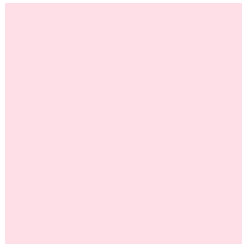
11.3211, 0.5935, 0.3043



1.1189, 0.5620, 0.2870

Previews

White Background



This preview shows how the Yxy color 79.8049, 0.3301, 0.3211 looks on a white background.

Color Contrast Check

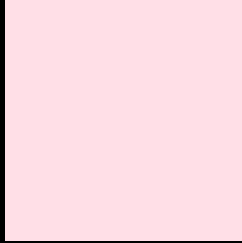
Large Text (above 18pt) WCAG AA × Fail

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 79.8049, 0.3301, 0.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

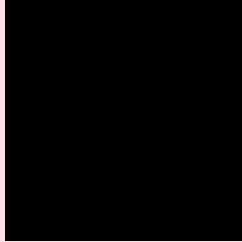
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.8049, 0.3301, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 79.8049, 0.3301, 0.3211.

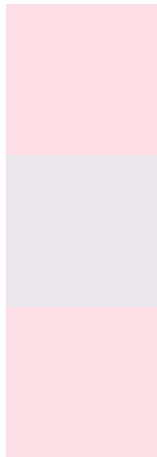


This preview shows how white text looks on a background with the Yxy color 79.8049, 0.3301, 0.3211.

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

79.8049, 0.3301, 0.3211

Protanopia

80.0842, 0.3123, 0.3238

Deuteranopia

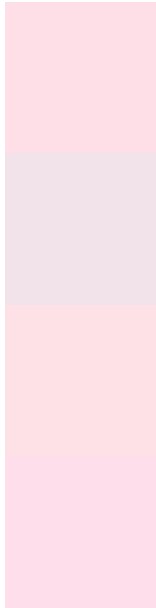
79.9635, 0.3286, 0.3221



Tritanopia

79.7345, 0.3248, 0.3122

Trichromacy



Original Color

79.8049, 0.3301, 0.3211

Protanomaly

79.7559, 0.3186, 0.3219

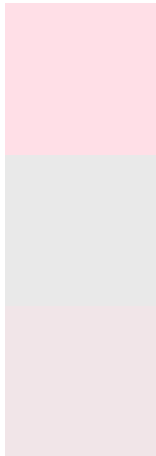
Deuteranomaly

80.1517, 0.3293, 0.3221

Tritanomaly

79.5587, 0.3268, 0.3152

Monochromacy



Original Color

79.8049, 0.3301, 0.3211

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 79.8049, 0.3301, 0.3211 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 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, 223, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 231) }
```

Border

The CSS property to change the border of an element to Yxy 79.8049, 0.3301, 0.3211 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, 231) }
```

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

```
.border{ border-color:rgb(255, 223, 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, 223, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 79.8049, 0.3301, 0.3211 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, 231) }
```

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

```
.background{ background-color: rgb(255,  
223, 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](#).

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