

Converting Colors

$Yxy(79.0198, 0.3324, 0.3230)$

Have a look what the booklet for
Yxy(79.0198, 0.3324, 0.3230)
contains.

Yxy(79.1040, 0.3323, 0.3231)	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(79.1040, 0.3323, 0.3231)

Conversions

Conversions Part 1

Format	Color
Hex	FFDEE4
RGB	255, 222, 228
RGB Percent	100%, 87%, 89%
CMY	0.0001, 0.1293, 0.1059
CMYK	0.00, 0.13, 0.11, 0.00
HSL	349°, 100%, 94%
HSV	349°, 13%, 100%
XYZ	81.3564, 79.1040, 84.3678
YIQ	232.5510, 17.7420, 8.8620

Conversions

Conversions Part 2

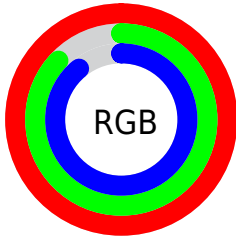
Format	Color
R_{YB}	255, 222, 228
Decimal	16768740
CIE _{Lab}	91.28, 12.32, 1.27
CIE _{LCh}	91, 12.384, 5.889
Yxy	79.1040, 0.3323, 0.3231
Android (android.graphics.Color)	4294958820 (0xFFFFDDEE4)
YUV	232.5510, -2.2436, 19.6878
Hunter-Lab	88.9404, 7.6334, 6.0165

Details

The Yxy color **79.1040, 0.3323, 0.3231** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.8773, 0.2961, 0.3350**, and the grayscale version is **81.1376, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.6603, 0.3364, 0.3214** is the 20% darker color. If you saturate the color by 10%, you get **65.4800, 0.3517, 0.3182**, and if you desaturate by 10%, it is **94.9232, 0.3167, 0.3277**.

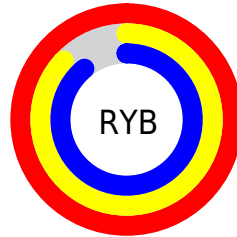
Distribution



Red (100%)

Green (87%)

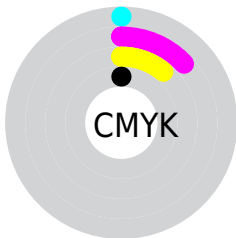
Blue (89%)



Red (100%)

Yellow (87%)

Blue (89%)

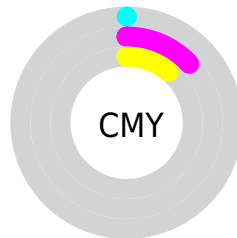


Cyan (0%)

Magenta (13%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.1040, 0.3323, 0.3231 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 79.1040, 0.3323, 0.3231 by changing the saturation by 10% instead.


 79.1040, 0.3323,
0.3231

 79.1040, 0.3323,
0.3231


491.9081, 0.3234,
0.3258

 58.9813, 0.3343,
0.3225


132.1053, 0.3292,
0.3240

 42.5981, 0.3368,
0.3217


165.7526, 0.3280,
0.3244

 29.5699, 0.3399,
0.3207


204.6770, 0.3270,
0.3247

 19.5124, 0.3440,
0.3195

249.2628, 0.3261,
0.3250

 12.0411, 0.3495,
0.3177

299.8944, 0.3253,
0.3253

 6.7717, 0.3573,
0.3152

356.9563, 0.3246,

 3.3197, 0.3693,

0.3255

0.3114

420.8327, 0.3239,
0.3257

■ 1.3008, 0.3902,
0.3045

■ 0.1419, 0.6774,
0.2206

■ 79.1040, 0.3323,
0.3231

■ 79.1040, 0.3323,
0.3231

■ 65.4800, 0.3517,
0.3182

■ 94.9232, 0.3167,
0.3277

■ 53.9441, 0.3756,
0.3132

99.9956, 0.3127,
0.3290

■ 44.3959, 0.4048,
0.3085

■ 36.7226, 0.4396,
0.3045

■ 30.8000, 0.4794,
0.3020

■ 26.4889, 0.5220,
0.3019

■ 23.6289, 0.5632,
0.3050

■ 22.0257, 0.5978,
0.3113

■ 21.4542, 0.6161,
0.3168

Harmonies

Analogous

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



79.1040, 0.3191, 0.3123



79.1040, 0.3323, 0.3231



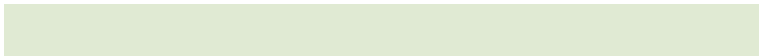
79.1040, 0.3402, 0.3357

Triad

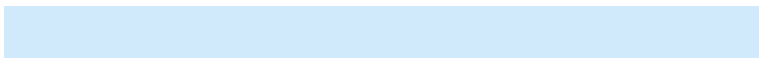
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.1040, 0.3323, 0.3231



79.1040, 0.3206, 0.3537



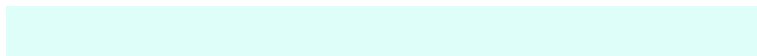
79.1040, 0.2855, 0.3105

Complementary

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



79.1040, 0.3323, 0.3231



93.8773, 0.2961, 0.3350

Split Complementary

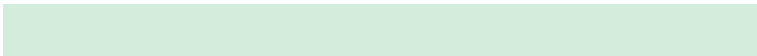
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.1040, 0.2860, 0.3213



79.1040, 0.3323, 0.3231



79.1040, 0.3059, 0.3467

Square

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



79.1040, 0.3323, 0.3231



79.1040, 0.3333, 0.3536



79.1040, 0.2934, 0.3347



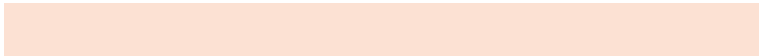
79.1040, 0.2922, 0.3049

Rectangle

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



79.1040, 0.3323, 0.3231



79.1040, 0.3414, 0.3435



79.1040, 0.2934, 0.3347



79.1040, 0.2849, 0.3136

Sweetspot

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



79.1075, 0.3323, 0.3231



93.1375, 0.3182, 0.3272



79.5974, 0.3101, 0.2966



19.6677, 0.3193, 0.3269



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

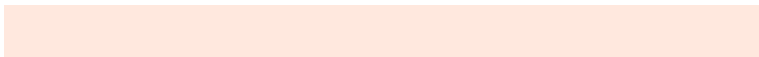
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.1075, 0.3323, 0.3231



74.7063, 0.3378, 0.3216



84.4995, 0.3350, 0.3394



18.0408, 0.3266, 0.3247



11.2280, 0.6128, 0.3149



1.1071, 0.5839, 0.2990

Inverse Universe

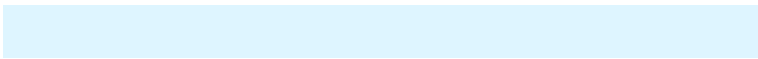
The Inverse Universe completely reimagines the original color for something new.



79.1075, 0.3323, 0.3231



74.7063, 0.3378, 0.3216



87.7771, 0.2926, 0.3183



18.0408, 0.3266, 0.3247



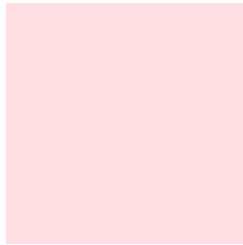
11.2280, 0.6128, 0.3149



1.1071, 0.5839, 0.2990

Previews

White Background



This preview shows how the Yxy color 79.1040, 0.3323, 0.3231 looks on a white background.

Color Contrast Check

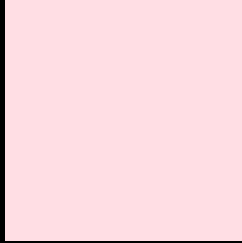
Large Text (above 18pt) WCAG AA × Fail

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 79.1040, 0.3323, 0.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

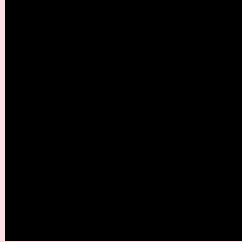
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.1040, 0.3323, 0.3231

Background



This preview shows how black text looks on a background with the Yxy color 79.1040, 0.3323, 0.3231.

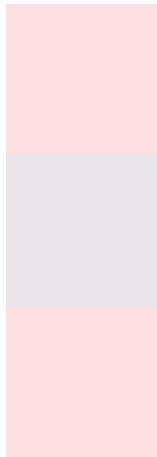


This preview shows how white text looks on a background with the Yxy color 79.1040, 0.3323, 0.3231.

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

79.1040, 0.3323, 0.3231

Protanopia

79.3572, 0.3142, 0.3259

Deuteranopia

79.2594, 0.3308, 0.3240



Tritanopia

79.0873, 0.3262, 0.3132

Trichromacy



Original Color

79.1040, 0.3323, 0.3231

Protanomaly

79.0395, 0.3206, 0.3239

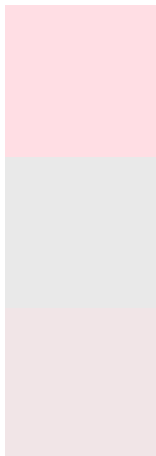
Deuteranomaly

79.4476, 0.3315, 0.3241

Tritanomaly

78.9134, 0.3283, 0.3161

Monochromacy



Original Color

79.1040, 0.3323, 0.3231

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.5089, 0.3197, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.1040, 0.3323, 0.3231 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 228) }
```

Border

The CSS property to change the border of an element to Yxy 79.1040, 0.3323, 0.3231 is called "border". The border property can be set on classes, ids or directly on the HTML element.

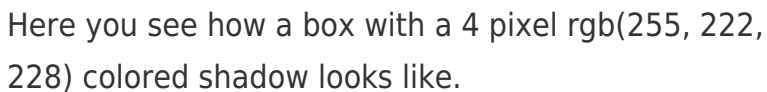
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 222, 228) }
```

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

```
.border{ border-color:rgb(255, 222, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 222, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 222, 228); box-shadow:4px 4px 4px 4px rgb(255, 222, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 79.1040, 0.3323, 0.3231 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, 228) }
```

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

```
.background{ background-color: rgb(255,  
222, 228) }
```

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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