

Converting Colors

Yxy(78.9463, 0.3383, 0.3324)

Have a look what the booklet for
Yxy(78.9463, 0.3383, 0.3324)
contains.

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Color

Yxy(79.1498, 0.3384, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	FFDFDB
RGB	255, 223, 219
RGB Percent	100%, 87%, 86%
CMY	0.0001, 0.1254, 0.1412
CMYK	0.00, 0.13, 0.14, 0.00
HSL	7°, 100%, 93%
HSV	7°, 14%, 100%
XYZ	80.4092, 79.1498, 78.0568
YIQ	232.1120, 20.3560, 5.5400

Conversions

Conversions Part 2

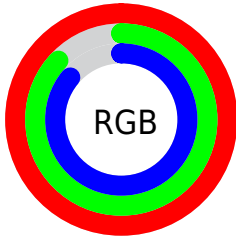
Format	Color
R _Y B	255, 224, 219
Decimal	16768987
CIE Lab	91.30, 10.38, 6.01
CIE LCh	91, 11.992, 30.054
Yxy	79.1498, 0.3384, 0.3331
Android (android.graphics.Color)	4294959067 (0xFFFFDFDB)
YUV	232.1120, -6.4642, 20.0728
Hunter-Lab	88.9662, 5.6406, 10.2567

Details

The Yxy color **79.1498, 0.3384, 0.3331** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.2565, 0.2910, 0.3249**, and the grayscale version is **80.8232, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.6914, 0.3444, 0.3342** is the 20% darker color. If you saturate the color by 10%, you get **66.6034, 0.3617, 0.3362**, and if you desaturate by 10%, it is **93.5288, 0.3194, 0.3301**.

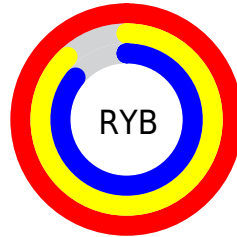
Distribution



Red (100%)

Green (87%)

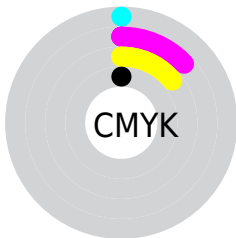
Blue (86%)



Red (100%)

Yellow (88%)

Blue (86%)

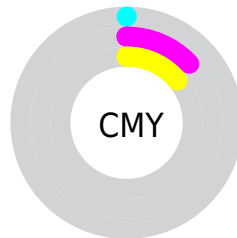


Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.1498, 0.3384, 0.3331 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 79.1498, 0.3384, 0.3331 by changing the saturation by 10% instead.


 79.1498, 0.3384,
0.3331

 79.1498, 0.3384,
0.3331


492.0630, 0.3266,
0.3314

 59.0190, 0.3411,
0.3335

132.1697, 0.3343,
0.3325

 42.6284, 0.3444,
0.3339


165.8276, 0.3327,
0.3323

 29.5937, 0.3485,
0.3344


204.7633, 0.3314,
0.3321

 19.5304, 0.3539,
0.3351

249.3613, 0.3302,
0.3319

 12.0541, 0.3612,
0.3359

300.0058, 0.3291,
0.3317

 6.7806, 0.3716,
0.3368

357.0813, 0.3282,

 3.3252, 0.3876,

0.3316

0.3381

420.9723, 0.3274,
0.3315

1.3038, 0.4155,
0.3393

0.1441, 0.7303,
0.2697

79.1498, 0.3384,
0.3331

79.1498, 0.3384,
0.3331

66.6034, 0.3617,
0.3362

93.5288, 0.3194,
0.3301

55.8059, 0.3903,
0.3394

99.9970, 0.3127,
0.3290

46.6826, 0.4246,
0.3425

39.1495, 0.4647,
0.3449

■ 33.1153, 0.5091,
0.3462

■ 28.4792, 0.5541,
0.3458

■ 25.1281, 0.5938,
0.3432

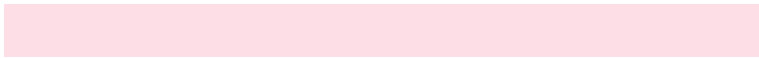
■ 22.9308, 0.6222,
0.3386

■ 22.1078, 0.6328,
0.3358

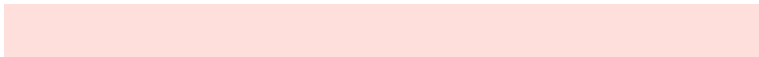
Harmonies

Analogous

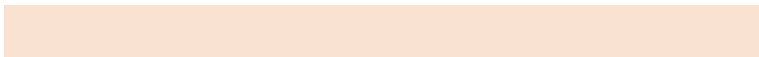
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1498, 0.3295, 0.3210



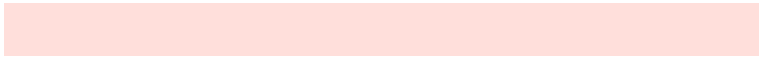
79.1498, 0.3384, 0.3331



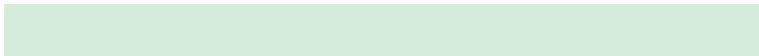
79.1498, 0.3403, 0.3444

Triad

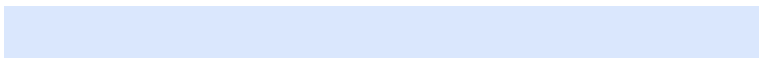
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.1498, 0.3384, 0.3331



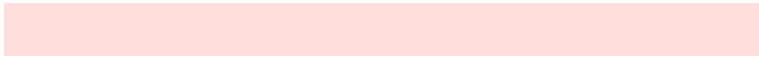
79.1498, 0.3089, 0.3479



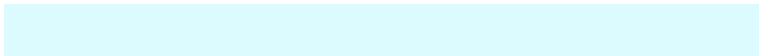
79.1498, 0.2911, 0.3063

Complementary

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



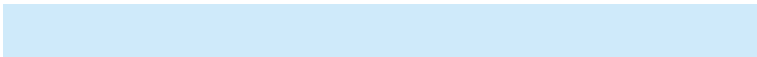
79.1498, 0.3384, 0.3331



91.2565, 0.2910, 0.3249

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.



79.1498, 0.2859, 0.3128



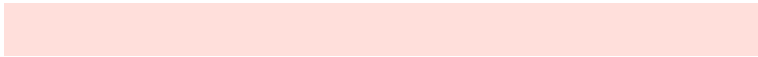
79.1498, 0.3384, 0.3331



79.1498, 0.2960, 0.3370

Square

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



79.1498, 0.3384, 0.3331



79.1498, 0.3230, 0.3534



79.1498, 0.2877, 0.3240



79.1498, 0.3021, 0.3058

Rectangle

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



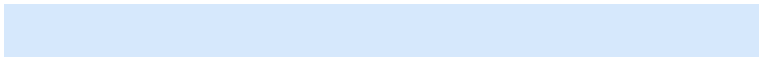
79.1498, 0.3384, 0.3331



79.1498, 0.3372, 0.3501



79.1498, 0.2877, 0.3240



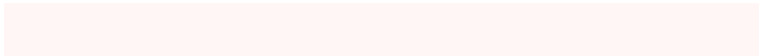
79.1498, 0.2887, 0.3078

Sweetspot

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



79.1533, 0.3384, 0.3331



93.7136, 0.3192, 0.3301



78.9099, 0.3167, 0.2974



19.8128, 0.3205, 0.3303



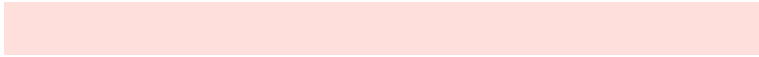
0.0000, 0.0000, 0.0000



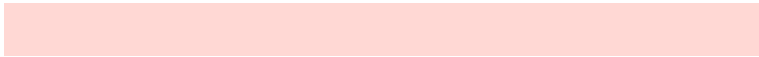
21.4041, 0.3127, 0.3290

Same Dimension

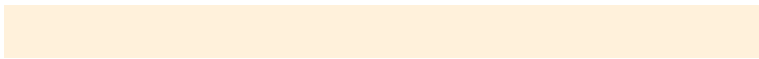
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.1533, 0.3384, 0.3331



75.3551, 0.3447, 0.3340



89.0401, 0.3359, 0.3504



18.3129, 0.3292, 0.3317



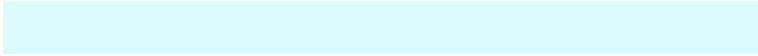
11.6570, 0.6311, 0.3371



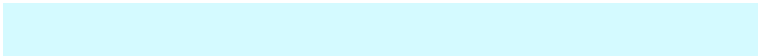
1.2359, 0.6153, 0.3496

Inverse Universe

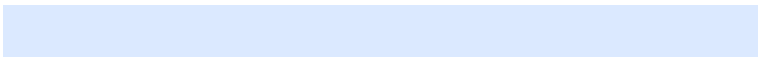
The Inverse Universe completely reimagines the original color for something new.



91.2565, 0.2910, 0.3249



89.6405, 0.2867, 0.3240



80.7804, 0.2904, 0.3066



20.1151, 0.2980, 0.3263



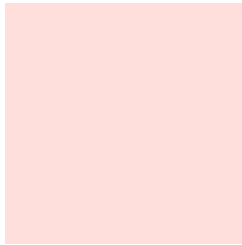
32.4959, 0.2149, 0.2934



3.2584, 0.2161, 0.2978

Previews

White Background



This preview shows how the Yxy color 79.1498, 0.3384, 0.3331 looks on a white background.

Color Contrast Check

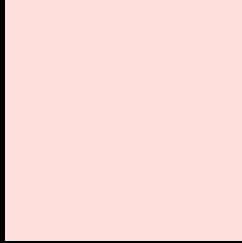
Large Text (above 18pt) WCAG AA × Fail

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 79.1498, 0.3384, 0.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

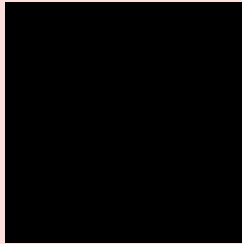
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

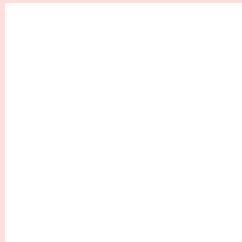
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.1498, 0.3384, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 79.1498, 0.3384, 0.3331.

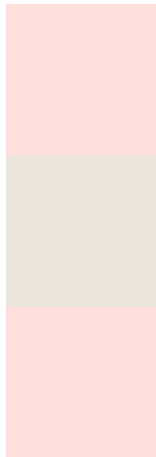


This preview shows how white text looks on a background with the Yxy color 79.1498, 0.3384, 0.3331.

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

79.1498, 0.3384, 0.3331

Protanopia

79.1454, 0.3221, 0.3363

Deuteranopia

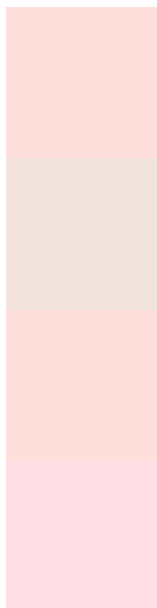
79.2027, 0.3377, 0.3321



Tritanopia

79.0873, 0.3262, 0.3132

Trichromacy



Original Color

79.1498, 0.3384, 0.3331

Protanomaly

79.2133, 0.3279, 0.3352

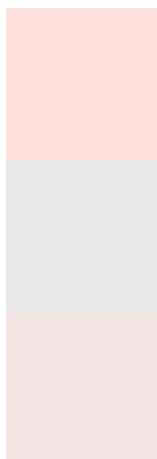
Deuteranomaly

79.2027, 0.3377, 0.3321

Tritanomaly

79.2157, 0.3309, 0.3211

Monochromacy



Original Color

79.1498, 0.3384, 0.3331

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.1099, 0.3216, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.1498, 0.3384, 0.3331 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 219) }
```

Border

The CSS property to change the border of an element to Yxy 79.1498, 0.3384, 0.3331 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, 219) }
```

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

```
.border{ border-color:rgb(255, 223, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 79.1498, 0.3384, 0.3331 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, 219) }
```

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

```
.background{ background-color: rgb(255,  
223, 219) }
```

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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