

Converting Colors

$Y_{xy}(79.8110, 0.3231, 0.3096)$

Have a look what the booklet for
Yxy(79.8110, 0.3231, 0.3096)
contains.

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Color

Yxy(79.9134, 0.3228, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	FFDEF2
RGB	255, 222, 242
RGB Percent	100%, 87%, 95%
CMY	0.0000, 0.1295, 0.0509
CMYK	0.00, 0.13, 0.05, 0.00
HSL	324°, 100%, 94%
HSV	324°, 13%, 100%
XYZ	83.4014, 79.9134, 95.0538
YIQ	234.1470, 13.2480, 13.2160

Conversions

Conversions Part 2

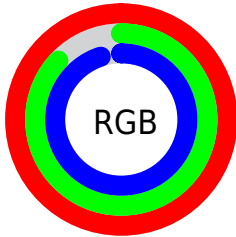
Format	Color
R _{YB}	255, 222, 242
Decimal	16768754
CIE Lab	91.65, 14.69, -5.55
CIE LCh	92, 15.705, 339.306
Yxy	79.9134, 0.3228, 0.3093
Android (android.graphics.Color)	4294958834 (0xFFFFDEF2)
YUV	234.1470, 3.8715, 18.2881
Hunter-Lab	89.3943, 10.0935, -0.4676

Details

The Yxy color $79.9134, 0.3228, 0.3093$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $93.0440, 0.3038, 0.3496$, and the grayscale version is $82.3559, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $43.1884, 0.3248, 0.3052$ is the 20% darker color. If you saturate the color by 10%, you get $66.7878, 0.3323, 0.2933$, and if you desaturate by 10%, it is $95.1130, 0.3148, 0.3246$.

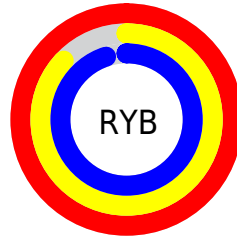
Distribution



Red (100%)

Green (87%)

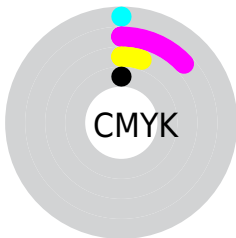
Blue (95%)



Red (100%)

Yellow (87%)

Blue (95%)

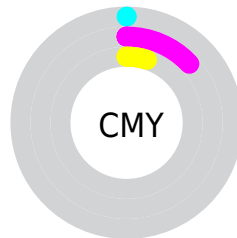


Cyan (0%)

Magenta (13%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.9134, 0.3228, 0.3093 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 79.9134, 0.3228, 0.3093 by changing the saturation by 10% instead.

 79.9134, 0.3228,
0.3093

 79.9134, 0.3228,
0.3093


494.6409, 0.3183,
0.3181

 59.6471, 0.3238,
0.3073


133.2440, 0.3213,
0.3123

 43.1342, 0.3250,
0.3050

167.0770, 0.3207,
0.3135

 29.9905, 0.3265,
0.3020


206.2011, 0.3201,
0.3145

 19.8313, 0.3285,
0.2982

251.0006, 0.3197,
0.3154

 12.2725, 0.3311,
0.2932

301.8600, 0.3193,
0.3162

 6.9296, 0.3347,
0.2862

359.1636, 0.3189,

 3.4181, 0.3400,

0.3169

0.2758

423.2957, 0.3186,
0.3176

■ 1.3537, 0.3488,
0.2589

■ 0.1822, 0.4090,
0.1401

■ 79.9134, 0.3228,
0.3093

■ 79.9134, 0.3228,
0.3093

■ 66.7878, 0.3323,
0.2933

■ 95.1130, 0.3148,
0.3246

■ 55.6552, 0.3435,
0.2771

100.0000, 0.3127,
0.3290

■ 46.4125, 0.3565,
0.2613

■ 38.9521, 0.3713,
0.2468

■ 33.1551, 0.3878,
0.2347

■ 28.8882, 0.4055,
0.2262

■ 25.9975, 0.4238,
0.2223

■ 24.2958, 0.4419,
0.2238

■ 23.6194, 0.4544,
0.2277

Harmonies

Analogous

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



79.9134, 0.3042, 0.3003



79.9134, 0.3228, 0.3093



79.9134, 0.3391, 0.3232

Triad

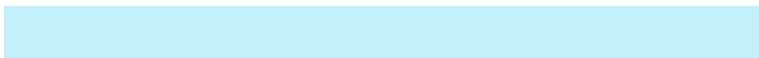
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.9134, 0.3228, 0.3093



79.9134, 0.3371, 0.3606



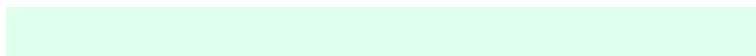
79.9134, 0.2785, 0.3173

Complementary

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



79.9134, 0.3228, 0.3093



93.0440, 0.3038, 0.3496

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.



79.9134, 0.2868, 0.3342



79.9134, 0.3228, 0.3093



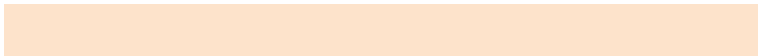
79.9134, 0.3205, 0.3598

Square

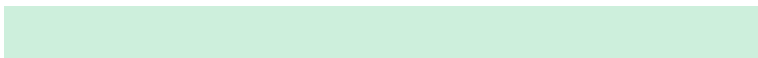
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



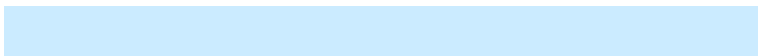
79.9134, 0.3228, 0.3093



79.9134, 0.3474, 0.3527



79.9134, 0.3021, 0.3500



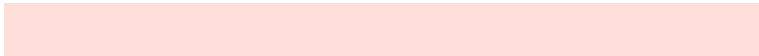
79.9134, 0.2791, 0.3044

Rectangle

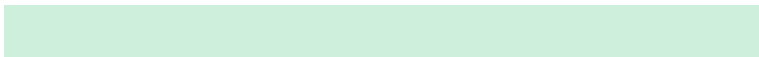
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.9134, 0.3228, 0.3093



79.9134, 0.3462, 0.3338



79.9134, 0.3021, 0.3500



79.9134, 0.2804, 0.3227

Sweetspot

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



79.9097, 0.3228, 0.3093



93.4084, 0.3156, 0.3231



77.0589, 0.3004, 0.2956



19.7362, 0.3161, 0.3219



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

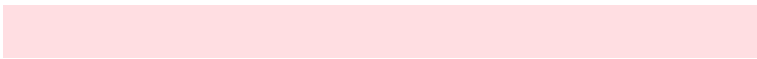
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.9097, 0.3228, 0.3093



75.6844, 0.3255, 0.3045



78.9795, 0.3338, 0.3252



18.1723, 0.3199, 0.3147



12.3718, 0.4516, 0.2261



1.2261, 0.4325, 0.2156

Inverse Universe

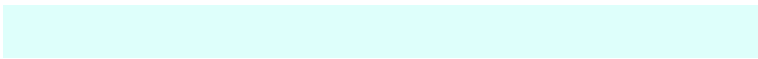
The Inverse Universe completely reimagines the original color for something new.



79.9097, 0.3228, 0.3093



75.6844, 0.3255, 0.3045



94.0225, 0.2949, 0.3328



18.1723, 0.3199, 0.3147



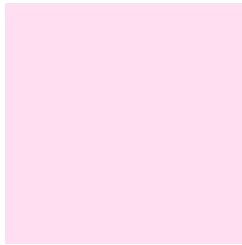
12.3718, 0.4516, 0.2261



1.2261, 0.4325, 0.2156

Previews

White Background



This preview shows how the Yxy color 79.9134, 0.3228, 0.3093 looks on a white background.

Color Contrast Check

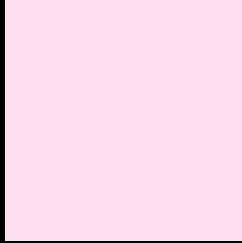
Large Text (above 18pt) WCAG AA × Fail

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 79.9134, 0.3228, 0.3093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

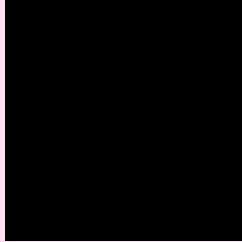
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.9134, 0.3228, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 79.9134, 0.3228, 0.3093.



This preview shows how white text looks on a background with the Yxy color 79.9134, 0.3228, 0.3093.

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

79.9134, 0.3228, 0.3093

Protanopia

80.2980, 0.3028, 0.3116

Deuteranopia

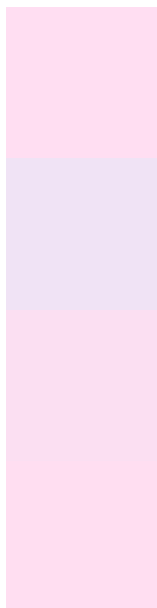
79.8619, 0.3184, 0.3111



Tritanopia

79.7938, 0.3241, 0.3113

Trichromacy



Original Color

79.9134, 0.3228, 0.3093

Protanomaly

80.0560, 0.3102, 0.3108

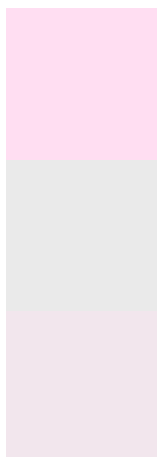
Deuteranomaly

79.6954, 0.3199, 0.3102

Tritanomaly

79.8534, 0.3235, 0.3103

Monochromacy



Original Color

79.9134, 0.3228, 0.3093

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.5853, 0.3165, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.9134, 0.3228, 0.3093 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 242) }
```

Border

The CSS property to change the border of an element to Yxy 79.9134, 0.3228, 0.3093 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, 242) }
```

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

```
.border{ border-color:rgb(255, 222, 242) }
```

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, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 79.9134, 0.3228, 0.3093 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, 242) }
```

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

```
.background{ background-color: rgb(255,  
222, 242) }
```

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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