

Converting Colors

$Y_{xy}(88.3003, 0.3179, 0.3179)$

Have a look what the booklet for
Yxy(88.3003, 0.3179, 0.3179)
contains.

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Color

Yxy(88.0282, 0.3179, 0.3174)

Conversions

Conversions Part 1

Format	Color
Hex	FFECF8
RGB	255, 236, 248
RGB Percent	100%, 93%, 97%
CMY	0.0002, 0.0744, 0.0275
CMYK	0.00, 0.07, 0.03, 0.00
HSL	322°, 100%, 96%
HSV	322°, 7%, 100%
XYZ	88.1669, 88.0282, 101.1465
YIQ	243.0490, 7.4720, 7.7600

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 236, 248
Decimal	16772344
CIE Lab	95.17, 8.44, -3.47
CIE LCh	95, 9.124, 337.654
Yxy	88.0282, 0.3179, 0.3174
Android (android.graphics.Color)	4294962424 (0xFFFFE0F8)
YUV	243.0490, 2.4408, 10.4810
Hunter-Lab	93.8233, 3.5476, 1.7586

Details

The Yxy color 88.0282, 0.3179, 0.3174 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95.8014, 0.3079, 0.3409, and the grayscale version is 89.6433, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 48.4541, 0.3186, 0.3142 is the 20% darker color. If you saturate the color by 10%, you get 73.8144, 0.3260, 0.3011, and if you desaturate by 10%, it is 99.9926, 0.3127, 0.3290.

Distribution



Red (100%)

Green (93%)

Blue (97%)



Red (100%)

Yellow (93%)

Blue (97%)



Cyan (0%)

Magenta (7%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.0282, 0.3179, 0.3174 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 88.0282, 0.3179, 0.3174 by changing the saturation by 10% instead.


 88.0282, 0.3179,
0.3174

 88.0282, 0.3179,
0.3174


521.5956, 0.3156,
0.3225

 66.3464, 0.3184,
0.3163

144.5964, 0.3171,
0.3191

 48.5537, 0.3190,
0.3149

180.2516, 0.3168,
0.3198

 34.2656, 0.3198,
0.3132


221.3335, 0.3166,
0.3204

 23.0977, 0.3207,
0.3111

268.2263, 0.3163,
0.3210

 14.6657, 0.3220,
0.3082

321.3146, 0.3161,
0.3214

 8.5851, 0.3237,
0.3043

380.9826, 0.3159,

 4.4715, 0.3263,

0.3218

0.2986

447.6148, 0.3158,
0.3222

■ 1.9407, 0.3303,
0.2895

■ 0.5727, 0.3428,
0.2616

■ 88.0282, 0.3179,
0.3174

■ 88.0282, 0.3179,
0.3174

■ 73.8144, 0.3260,
0.3011

99.9926, 0.3127,
0.3290

■ 61.6330, 0.3357,
0.2843

■ 51.3925, 0.3469,
0.2676

■ 42.9904, 0.3598,
0.2517

■ 36.3145, 0.3743,
0.2376

■ 31.2401, 0.3900,
0.2264

■ 27.6258, 0.4066,
0.2194

■ 25.3052, 0.4234,
0.2174

■ 24.0613, 0.4397,
0.2206

Harmonies

Analogous

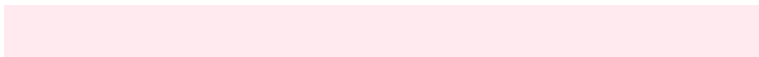
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0282, 0.3074, 0.3124



88.0282, 0.3179, 0.3174



88.0282, 0.3271, 0.3254

Triad

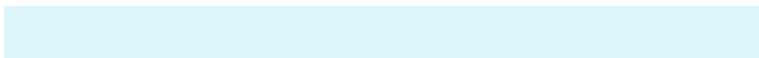
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.0282, 0.3179, 0.3174



88.0282, 0.3269, 0.3466



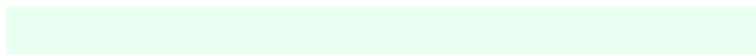
88.0282, 0.2934, 0.3231

Complementary

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



88.0282, 0.3179, 0.3174



95.8014, 0.3079, 0.3409

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.



88.0282, 0.2985, 0.3325



88.0282, 0.3179, 0.3174



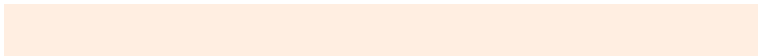
88.0282, 0.3178, 0.3463

Square

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



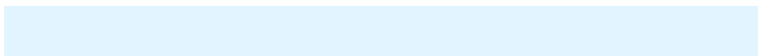
88.0282, 0.3179, 0.3174



88.0282, 0.3323, 0.3422



88.0282, 0.3074, 0.3411



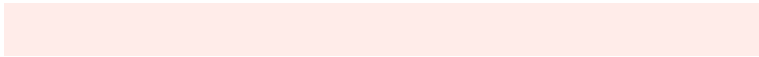
88.0282, 0.2935, 0.3156

Rectangle

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



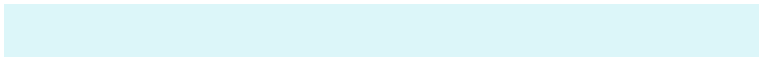
88.0282, 0.3179, 0.3174



88.0282, 0.3312, 0.3314



88.0282, 0.3074, 0.3411



88.0282, 0.2946, 0.3262

Sweetspot

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



88.0320, 0.3179, 0.3174



96.6689, 0.3140, 0.3259



86.2683, 0.3057, 0.3103



20.7260, 0.3140, 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.



88.0320, 0.3179, 0.3174



85.6897, 0.3191, 0.3149



87.4601, 0.3239, 0.3266



18.1804, 0.3195, 0.3141



12.4874, 0.4413, 0.2205



1.2369, 0.4239, 0.2109

Inverse Universe

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



88.0320, 0.3179, 0.3174



85.6897, 0.3191, 0.3149



96.3872, 0.3026, 0.3315



18.1804, 0.3195, 0.3141



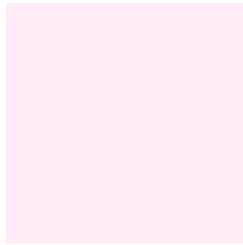
12.4874, 0.4413, 0.2205



1.2369, 0.4239, 0.2109

Previews

White Background



This preview shows how the Yxy color 88.0282, 0.3179, 0.3174 looks on a white background.

Color Contrast Check

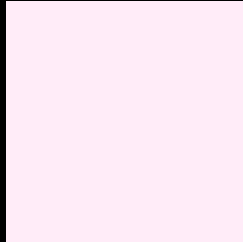
Large Text (above 18pt) WCAG AA × Fail

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 88.0282, 0.3179, 0.3174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

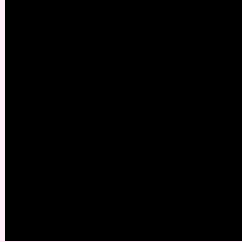
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

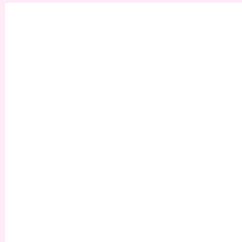
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.0282, 0.3179, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 88.0282, 0.3179, 0.3174.



This preview shows how white text looks on a background with the Yxy color 88.0282, 0.3179, 0.3174.

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

88.0282, 0.3179, 0.3174

Protanopia

88.2770, 0.3086, 0.3191

Deuteranopia

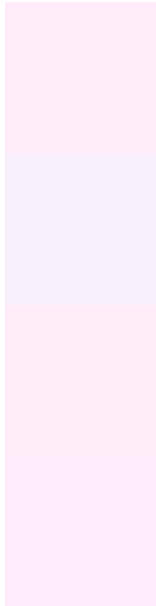
87.9047, 0.3192, 0.3193



Tritanopia

87.7685, 0.3149, 0.3116

Trichromacy



Original Color

88.0282, 0.3179, 0.3174

Protanomaly

88.3467, 0.3119, 0.3192

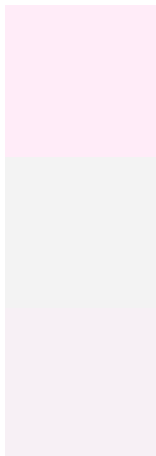
Deuteranomaly

87.9663, 0.3186, 0.3183

Tritanomaly

87.6417, 0.3161, 0.3135

Monochromacy



Original Color

88.0282, 0.3179, 0.3174

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

88.6869, 0.3143, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0282, 0.3179, 0.3174 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, 236, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 248)  
}
```

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, 236, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 248) }
```

Border

The CSS property to change the border of an element to Yxy 88.0282, 0.3179, 0.3174 is called "border". The border property can be set on classes, ids or directly on the HTML element.

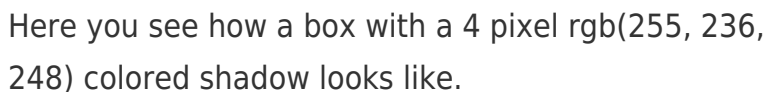
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 236, 248) }
```

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

```
.border{ border-color:rgb(255, 236, 248) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(255, 236, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 236, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 236, 248); box-shadow:4px 4px 4px 4px rgb(255, 236, 248) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0282, 0.3179, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 248) }
```

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

```
.background{ background-color: rgb(255,  
236, 248) }
```

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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