

Converting Colors

Yxy(88.4184, 0.3180, 0.3182)

Have a look what the booklet for
Yxy(88.4184, 0.3180, 0.3182)
contains.

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Color

Yxy(88.6057, 0.3179, 0.3184)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDF8
RGB	255, 237, 248
RGB Percent	100%, 93%, 97%
CMY	0.0000, 0.0706, 0.0276
CMYK	0.00, 0.07, 0.03, 0.00
HSL	323°, 100%, 96%
HSV	323°, 7%, 100%
XYZ	88.4666, 88.6057, 101.2120
YIQ	243.6360, 7.1970, 7.2370

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 237, 248
Decimal	16772600
CIE Lab	95.42, 7.95, -3.09
CIE LCh	95, 8.526, 338.730
Yxy	88.6057, 0.3179, 0.3184
Android (android.graphics.Color)	4294962680 (0xFFFFEDF8)
YUV	243.6360, 2.1515, 9.9662
Hunter-Lab	94.1306, 3.0307, 2.1411

Details

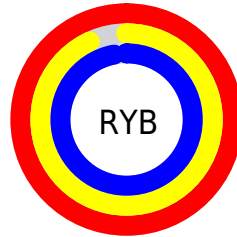
The Yxy color 88.6057, 0.3179, 0.3184 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.0599, 0.3079, 0.3398, and the grayscale version is 90.1371, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 48.8593, 0.3185, 0.3155 is the 20% darker color. If you saturate the color by 10%, you get 74.2719, 0.3264, 0.3027, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

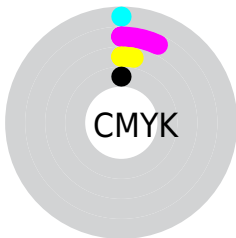
Distribution



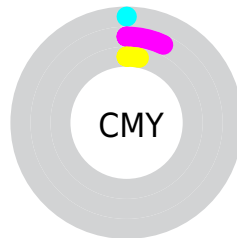
- Red (100%)
- Green (93%)
- Blue (97%)



- 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 88.6057, 0.3179, 0.3184 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 88.6057, 0.3179, 0.3184 by changing the saturation by 10% instead.

 88.6057, 0.3179,
0.3184

 88.6057, 0.3179,
0.3184


523.4847, 0.3156,
0.3231

 66.8248, 0.3184,
0.3174

145.4001, 0.3171,
0.3200

 48.9423, 0.3190,
0.3161


181.1824, 0.3168,
0.3206

 34.5737, 0.3198,
0.3146

222.4007, 0.3165,
0.3212

 23.3347, 0.3207,
0.3126

269.4393, 0.3163,
0.3217

 14.8408, 0.3220,
0.3100

322.6826, 0.3161,
0.3221

 8.7077, 0.3237,
0.3064

382.5150, 0.3159,

 4.5510, 0.3263,

0.3225

0.3012

449.3209, 0.3158,
0.3228

■ 1.9863, 0.3303,
0.2929

■ 0.5995, 0.3421,
0.2686

■ 88.6057, 0.3179,
0.3184

■ 88.6057, 0.3179,
0.3184

■ 74.2719, 0.3264,
0.3027

100.0000, 0.3127,
0.3290

■ 61.9816, 0.3366,
0.2865

■ 51.6404, 0.3485,
0.2704

■ 43.1458, 0.3622,
0.2549

■ 36.3858, 0.3776,
0.2412

■ 31.2362, 0.3946,
0.2304

■ 27.5562, 0.4125,
0.2237

■ 25.1802, 0.4307,
0.2220

■ 23.8969, 0.4485,
0.2256

Harmonies

Analogous

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



88.6057, 0.3081, 0.3136



88.6057, 0.3179, 0.3184



88.6057, 0.3264, 0.3259

Triad

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



88.6057, 0.3179, 0.3184



88.6057, 0.3257, 0.3455



88.6057, 0.2946, 0.3232

Complementary

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



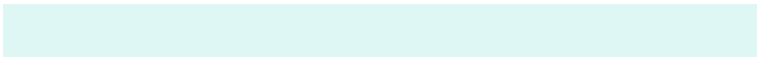
88.6057, 0.3179, 0.3184



96.0599, 0.3079, 0.3398

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.



88.6057, 0.2992, 0.3320



88.6057, 0.3179, 0.3184



88.6057, 0.3171, 0.3450

Square

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



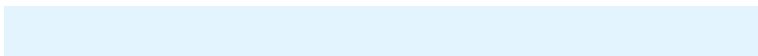
88.6057, 0.3179, 0.3184



88.6057, 0.3309, 0.3415



88.6057, 0.3074, 0.3400



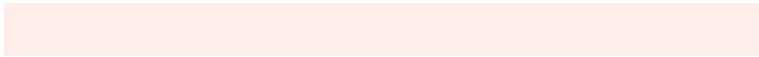
88.6057, 0.2948, 0.3163

Rectangle

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



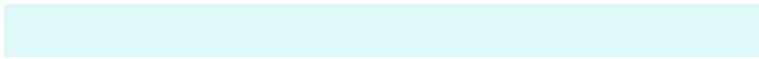
88.6057, 0.3179, 0.3184



88.6057, 0.3301, 0.3315



88.6057, 0.3074, 0.3400



88.6057, 0.2957, 0.3261

Sweetspot

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



88.6062, 0.3179, 0.3184



96.6612, 0.3141, 0.3260



87.0072, 0.3063, 0.3113



20.7244, 0.3140, 0.3262



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.



88.6062, 0.3179, 0.3184



87.1643, 0.3186, 0.3170



88.0696, 0.3235, 0.3270



18.1729, 0.3198, 0.3146



12.3794, 0.4509, 0.2257



1.2268, 0.4320, 0.2153

Inverse Universe

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



88.6062, 0.3179, 0.3184



87.1643, 0.3186, 0.3170



96.6110, 0.3029, 0.3310



18.1729, 0.3198, 0.3146



12.3794, 0.4509, 0.2257



1.2268, 0.4320, 0.2153

Previews

White Background



This preview shows how the Yxy color 88.6057, 0.3179, 0.3184 looks on a white background.

Color Contrast Check

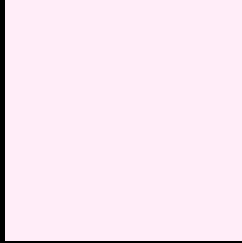
Large Text (above 18pt) WCAG AA × Fail

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 88.6057, 0.3179, 0.3184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

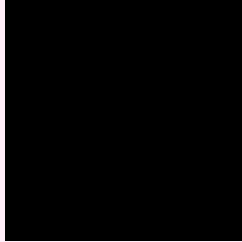
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

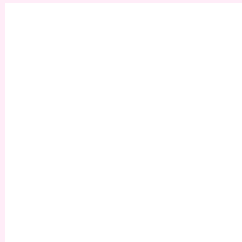
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.6057, 0.3179, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 88.6057, 0.3179, 0.3184.

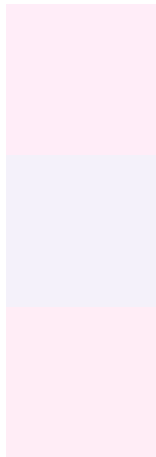


This preview shows how white text looks on a background with the Yxy color 88.6057, 0.3179, 0.3184.

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

88.6057, 0.3179, 0.3184

Protanopia

89.0458, 0.3092, 0.3201

Deuteranopia

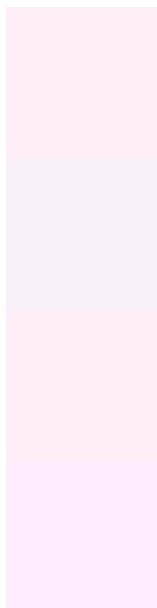
88.4822, 0.3191, 0.3203



Tritanopia

88.4067, 0.3142, 0.3117

Trichromacy



Original Color

88.6057, 0.3179, 0.3184

Protanomaly

89.1162, 0.3125, 0.3202

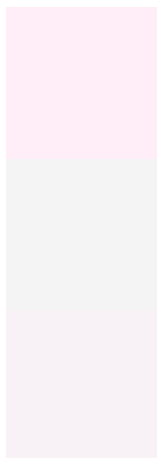
Deuteranomaly

88.5438, 0.3185, 0.3193

Tritanomaly

88.2792, 0.3154, 0.3136

Monochromacy



Original Color

88.6057, 0.3179, 0.3184

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

89.4596, 0.3149, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.6057, 0.3179, 0.3184 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, 237, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 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, 237, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 248) }
```

Border

The CSS property to change the border of an element to Yxy 88.6057, 0.3179, 0.3184 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, 237, 248) }
```

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

```
.border{ border-color:rgb(255, 237, 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, 237, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 88.6057, 0.3179, 0.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 248) }
```

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

```
.background{ background-color: rgb(255,  
237, 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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