

Converting Colors

$Yxy(90.3849, 0.3083, 0.3081)$

Have a look what the booklet for
Yxy(90.3849, 0.3083, 0.3081)
contains.

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Color

Yxy(89.8357, 0.3121, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	FDEFFF
RGB	253, 239, 255
RGB Percent	99%, 94%, 100%
CMY	0.0081, 0.0626, 0.0000
CMYK	0.01, 0.06, 0.00, 0.00
HSL	292°, 100%, 97%
HSV	292°, 6%, 100%
XYZ	89.4060, 89.8357, 107.2242
YIQ	245.0100, 3.2080, 7.9440

Conversions

Conversions Part 2

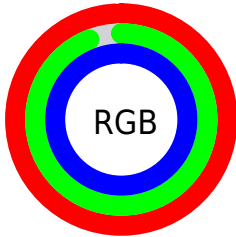
Format	Color
R _Y B	253, 239, 255
Decimal	16642047
CIE Lab	95.93, 7.46, -6.00
CIE LCh	96, 9.569, 321.178
Yxy	89.8357, 0.3121, 0.3136
Android (android.graphics.Color)	4294832127 (0xFFFDFFFF)
YUV	245.0100, 4.9251, 7.0072
Hunter-Lab	94.7817, 2.5081, -0.7261

Details

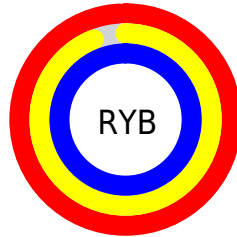
The Yxy color 89.8357, 0.3121, 0.3136 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.4602, 0.3132, 0.3448, and the grayscale version is 91.2732, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 49.6800, 0.3119, 0.3106 is the 20% darker color. If you saturate the color by 10%, you get 75.3366, 0.3109, 0.2881, and if you desaturate by 10%, it is 99.9992, 0.3127, 0.3290.

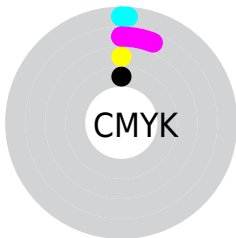
Distribution



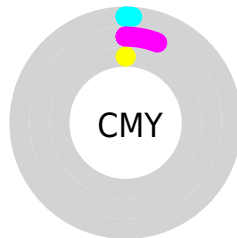
- Red (99%)
- Green (94%)
- Blue (100%)



- Red (99%)
- Yellow (94%)
- Blue (100%)



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.8357, 0.3121, 0.3136 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 89.8357, 0.3121, 0.3136 by changing the saturation by 10% instead.


 89.8357, 0.3121,
0.3136

 89.8357, 0.3121,
0.3136


527.4962, 0.3124,
0.3204

 67.8444, 0.3120,
0.3121


147.1102, 0.3122,
0.3159

 49.7711, 0.3119,
0.3103


183.1621, 0.3123,
0.3168

 35.2316, 0.3118,
0.3081


224.6697, 0.3123,
0.3176

 23.8413, 0.3116,
0.3053

272.0173, 0.3123,
0.3183

 15.2160, 0.3114,
0.3016

325.5894, 0.3124,
0.3189

 8.9711, 0.3110,
0.2966

385.7703, 0.3124,

 4.7223, 0.3105,

0.3195

0.2894

452.9445, 0.3124,
0.3199

■ 2.0853, 0.3094,
0.2779

■ 0.6563, 0.3092,
0.2518

■ 89.8357, 0.3121,
0.3136

■ 89.8357, 0.3121,
0.3136

■ 75.3366, 0.3109,
0.2881

99.9992, 0.3127,
0.3290

■ 62.8625, 0.3093,
0.2621

■ 52.3236, 0.3073,
0.2362

■ 43.6184, 0.3050,
0.2115

■ 36.6364, 0.3023,
0.1890

■ 31.2550, 0.2993,
0.1698

■ 27.3353, 0.2960,
0.1546

■ 24.7149, 0.2927,
0.1440

■ 23.1913, 0.2893,
0.1377

Harmonies

Analogous

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



89.8357, 0.3018, 0.3108



89.8357, 0.3121, 0.3136



89.8357, 0.3228, 0.3204

Triad

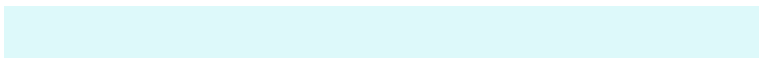
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.8357, 0.3121, 0.3136



89.8357, 0.3312, 0.3453



89.8357, 0.2949, 0.3282

Complementary

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



89.8357, 0.3121, 0.3136



96.4602, 0.3132, 0.3448

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.



89.8357, 0.3026, 0.3379



89.8357, 0.3121, 0.3136



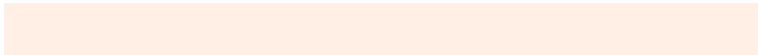
89.8357, 0.3236, 0.3478

Square

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



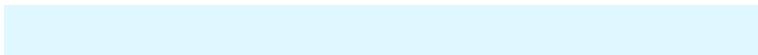
89.8357, 0.3121, 0.3136



89.8357, 0.3339, 0.3385



89.8357, 0.3131, 0.3451



89.8357, 0.2920, 0.3189

Rectangle

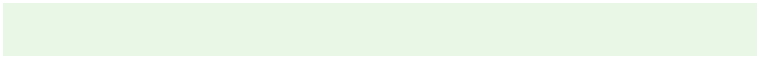
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.8357, 0.3121, 0.3136



89.8357, 0.3286, 0.3263



89.8357, 0.3131, 0.3451



89.8357, 0.2970, 0.3315

Sweetspot

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



89.8396, 0.3121, 0.3136



96.6651, 0.3125, 0.3241



88.5774, 0.3031, 0.3153



20.7253, 0.3125, 0.3244



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.



89.8396, 0.3121, 0.3136



87.1746, 0.3119, 0.3092



89.8548, 0.3170, 0.3192



18.1752, 0.3117, 0.3054



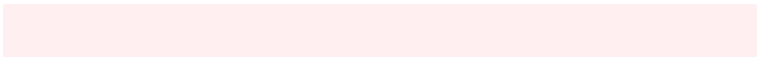
11.9558, 0.2886, 0.1364



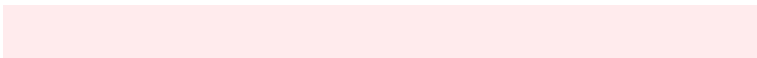
1.1957, 0.2925, 0.1385

Inverse Universe

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



89.3622, 0.3220, 0.3270



86.5751, 0.3249, 0.3265



96.4531, 0.3086, 0.3390



18.0250, 0.3274, 0.3260



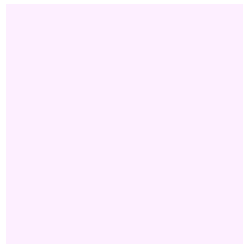
11.1771, 0.6241, 0.3211



1.0996, 0.5991, 0.3074

Previews

White Background



This preview shows how the Yxy color 89.8357, 0.3121, 0.3136 looks on a white background.

Color Contrast Check

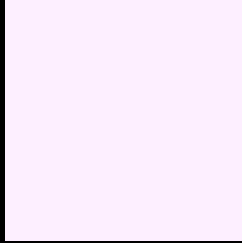
Large Text (above 18pt) WCAG AA × Fail

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 89.8357, 0.3121, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

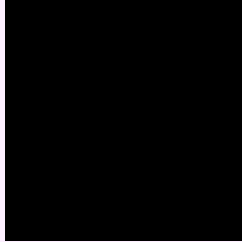
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

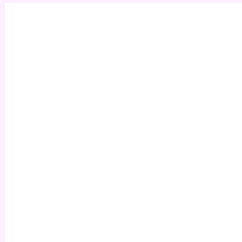
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.8357, 0.3121, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 89.8357, 0.3121, 0.3136.



This preview shows how white text looks on a background with the Yxy color 89.8357, 0.3121, 0.3136.

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

89.8357, 0.3121, 0.3136

Protanopia

89.9574, 0.3062, 0.3163

Deuteranopia

89.9580, 0.3159, 0.3174



Tritanopia

89.6485, 0.3115, 0.3135

Trichromacy



Original Color

89.8357, 0.3121, 0.3136

Protanomaly

89.9048, 0.3082, 0.3153

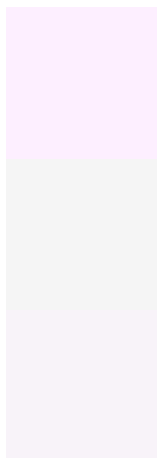
Deuteranomaly

89.8321, 0.3146, 0.3165

Tritanomaly

89.6485, 0.3115, 0.3135

Monochromacy



Original Color

89.8357, 0.3121, 0.3136

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

90.8972, 0.3123, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.8357, 0.3121, 0.3136 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(253, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 239, 255)  
}
```

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(253, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 239, 255) }
```

Border

The CSS property to change the border of an element to Yxy 89.8357, 0.3121, 0.3136 is called "border". The border property can be set on classes, ids or directly on the HTML element.

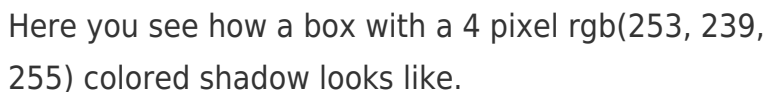
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 239, 255) }
```

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

```
.border{ border-color:rgb(253, 239, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(253, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 239, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 239, 255); box-shadow:4px 4px 4px 4px rgb(253, 239, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 89.8357, 0.3121, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 239, 255) }
```

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

```
.background{ background-color: rgb(253,  
239, 255) }
```

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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