

Converting Colors

$Y_{xy}(88.8783, 0.3109, 0.3125)$

Have a look what the booklet for
Yxy(88.8783, 0.3109, 0.3125)
contains.

Yxy(88.8783, 0.3109, 0.3125)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(88.8783, 0.3109, 0.3125)

Conversions

Conversions Part 1

Format	Color
Hex	FBEEFF
RGB	251, 238, 255
RGB Percent	98%, 93%, 100%
CMY	0.0155, 0.0667, 0.0000
CMYK	0.02, 0.07, 0.00, 0.00
HSL	286°, 100%, 97%
HSV	286°, 7%, 100%
XYZ	88.4232, 88.8783, 107.1090
YIQ	243.8250, 2.2910, 8.0430

Conversions

Conversions Part 2

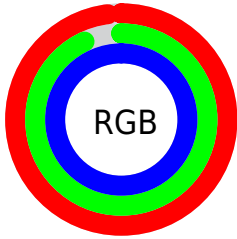
Format	Color
R _Y B	251, 238, 255
Decimal	16510719
CIE Lab	95.53, 7.37, -6.62
CIE LCh	96, 9.906, 318.102
Yxy	88.8783, 0.3109, 0.3125
Android (android.graphics.Color)	4294700799 (0xFFFBEEFF)
YUV	243.8250, 5.5093, 6.2925
Hunter-Lab	94.2753, 2.4380, -1.3685

Details

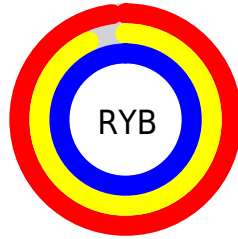
The Yxy color **88.8783, 0.3109, 0.3125** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96.5579, 0.3144, 0.3458**, and the grayscale version is **90.2805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.0024, 0.3103, 0.3092** is the 20% darker color. If you saturate the color by 10%, you get **73.9891, 0.3077, 0.2867**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

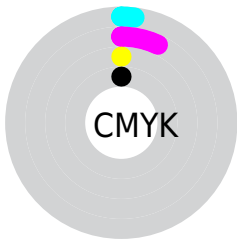
Distribution



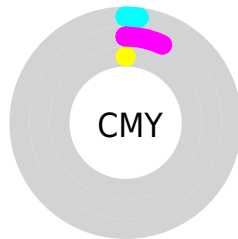
- Red (98%)
- Green (93%)
- Blue (100%)



- Red (98%)
- Yellow (93%)
- Blue (100%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.8783, 0.3109, 0.3125 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 88.8783, 0.3109, 0.3125 by changing the saturation by 10% instead.


 88.8783, 0.3109,
0.3125

 88.8783, 0.3109,
0.3125


524.3752, 0.3118,
0.3198

 67.0507, 0.3107,
0.3109


145.7793, 0.3112,
0.3150

 49.1258, 0.3105,
0.3090


181.6215, 0.3113,
0.3159

 34.7193, 0.3102,
0.3066


222.9040, 0.3114,
0.3168

 23.4467, 0.3098,
0.3036

270.0113, 0.3115,
0.3175

 14.9237, 0.3092,
0.2996

323.3276, 0.3116,
0.3182

 8.7659, 0.3084,
0.2942

383.2374, 0.3116,

 4.5888, 0.3072,

0.3188

0.2864

450.1252, 0.3117,
0.3193

■ 2.0081, 0.3051,
0.2739

■ 0.6122, 0.3032,
0.2436

■ 88.8783, 0.3109,
0.3125

■ 88.8783, 0.3109,
0.3125

■ 73.9891, 0.3077,
0.2867

100.0000, 0.3127,
0.3290

■ 61.1456, 0.3039,
0.2599

■ 50.2567, 0.2994,
0.2329

■ 41.2205, 0.2942,
0.2068

■ 33.9255, 0.2886,
0.1825

■ 28.2483, 0.2825,
0.1612

■ 24.0492, 0.2762,
0.1440

■ 21.1639, 0.2699,
0.1314

■ 19.3862, 0.2637,
0.1235

Harmonies

Analogous

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



88.8783, 0.3004, 0.3100



88.8783, 0.3109, 0.3125



88.8783, 0.3221, 0.3192

Triad

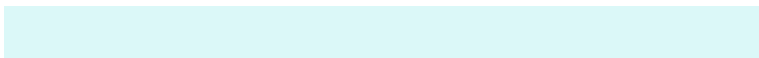
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.8783, 0.3109, 0.3125



88.8783, 0.3325, 0.3454



88.8783, 0.2949, 0.3292

Complementary

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



88.8783, 0.3109, 0.3125



96.5579, 0.3144, 0.3458

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.



88.8783, 0.3032, 0.3391



88.8783, 0.3109, 0.3125



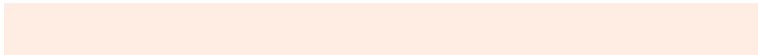
88.8783, 0.3250, 0.3486

Square

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



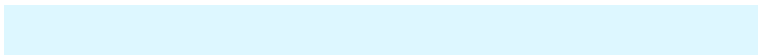
88.8783, 0.3109, 0.3125



88.8783, 0.3347, 0.3380



88.8783, 0.3142, 0.3463



88.8783, 0.2912, 0.3194

Rectangle

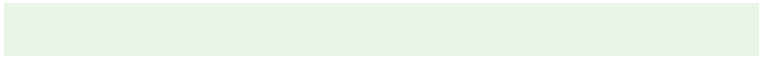
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.8783, 0.3109, 0.3125



88.8783, 0.3284, 0.3252



88.8783, 0.3142, 0.3463



88.8783, 0.2972, 0.3326

Sweetspot

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



88.8815, 0.3109, 0.3125



96.5654, 0.3122, 0.3241



88.8741, 0.3024, 0.3161



20.7050, 0.3122, 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.



88.8815, 0.3109, 0.3125



86.7815, 0.3105, 0.3091



89.3334, 0.3163, 0.3170



18.0755, 0.3101, 0.3053



9.9657, 0.2627, 0.1221



1.0194, 0.2696, 0.1259

Inverse Universe

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



88.8090, 0.3216, 0.3252



86.6995, 0.3235, 0.3244



96.1375, 0.3093, 0.3413



18.0561, 0.3258, 0.3235



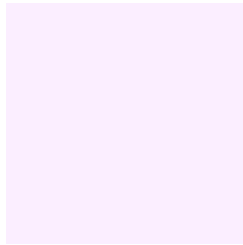
11.2934, 0.5991, 0.3074



1.1155, 0.5681, 0.2903

Previews

White Background



This preview shows how the Yxy color 88.8783, 0.3109, 0.3125 looks on a white background.

Color Contrast Check

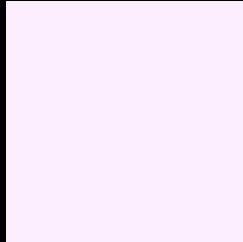
Large Text (above 18pt) WCAG AA × Fail

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 88.8783, 0.3109, 0.3125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

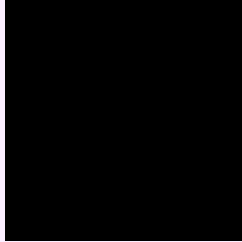
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

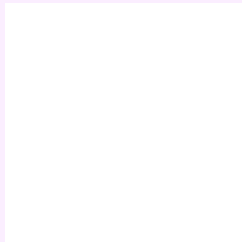
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.8783, 0.3109, 0.3125

Background



This preview shows how black text looks on a background with the Yxy color 88.8783, 0.3109, 0.3125.

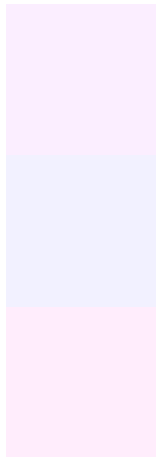


This preview shows how white text looks on a background with the Yxy color 88.8783, 0.3109, 0.3125.

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

88.8783, 0.3109, 0.3125

Protanopia

89.0078, 0.3050, 0.3152

Deuteranopia

88.8566, 0.3154, 0.3145



Tritanopia

88.6931, 0.3102, 0.3125

Trichromacy



Original Color

88.8783, 0.3109, 0.3125

Protanomaly

88.9527, 0.3069, 0.3143

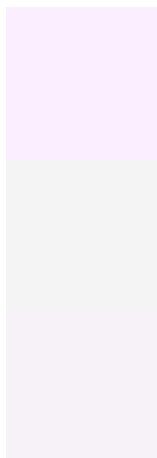
Deuteranomaly

88.7311, 0.3141, 0.3136

Tritanomaly

88.6931, 0.3102, 0.3125

Monochromacy



Original Color

88.8783, 0.3109, 0.3125

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.0557, 0.3123, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8783, 0.3109, 0.3125 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(251, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 238, 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(251, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 238, 255) }
```

Border

The CSS property to change the border of an element to Yxy 88.8783, 0.3109, 0.3125 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(251, 238, 255) }
```

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

```
.border{ border-color:rgb(251, 238, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 238, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 238,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8783, 0.3109, 0.3125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 238, 255) }
```

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

```
.background{ background-color: rgb(251,  
238, 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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