

Converting Colors

$Y_{xy}(87.8138, 0.3128, 0.3117)$

Have a look what the booklet for
Yxy(87.8138, 0.3128, 0.3117)
contains.

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Color

Yxy(88.0293, 0.3129, 0.3116)

Conversions

Conversions Part 1

Format	Color
Hex	FDECFE
RGB	253, 236, 254
RGB Percent	99%, 93%, 100%
CMY	0.0077, 0.0745, 0.0040
CMYK	0.00, 0.07, 0.00, 0.00
HSL	297°, 90%, 96%
HSV	297°, 7%, 100%
XYZ	88.3966, 88.0293, 106.0815
YIQ	243.1350, 4.3540, 9.2020

Conversions

Conversions Part 2

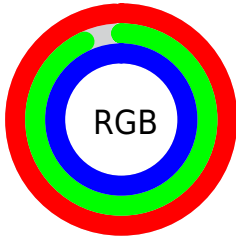
Format	Color
R _Y B	253, 236, 254
Decimal	16641278
CIE Lab	95.17, 8.86, -6.59
CIE LCh	95, 11.043, 323.351
Yxy	88.0293, 0.3129, 0.3116
Android (android.graphics.Color)	4294831358 (0xFFFDECFE)
YUV	243.1350, 5.3564, 8.6516
Hunter-Lab	93.8239, 3.9825, -1.3592

Details

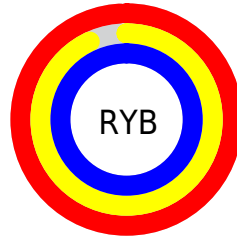
The Yxy color **88.0293, 0.3129, 0.3116** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94.9253, 0.3125, 0.3470**, and the grayscale version is **89.6987, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.4095, 0.3128, 0.3080** is the 20% darker color. If you saturate the color by 10%, you get **74.1803, 0.3131, 0.2863**, and if you desaturate by 10%, it is **99.8165, 0.3129, 0.3300**.

Distribution



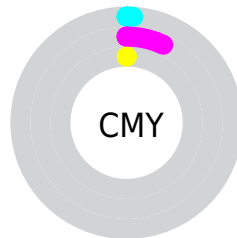
- Red (99%)
- Green (93%)
- Blue (100%)



- Red (99%)
- Yellow (93%)
- Blue (100%)



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





- Cyan (1%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.0293, 0.3129, 0.3116 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 88.0293, 0.3129, 0.3116 by changing the saturation by 10% instead.


 88.0293, 0.3129,
0.3116

 88.0293, 0.3129,
0.3116


521.5992, 0.3129,
0.3193

 66.3473, 0.3129,
0.3099


144.5979, 0.3129,
0.3142

 48.5544, 0.3129,
0.3079

180.2534, 0.3129,
0.3152

 34.2661, 0.3129,
0.3054


221.3355, 0.3129,
0.3161

 23.0981, 0.3128,
0.3022

268.2286, 0.3129,
0.3169

 14.6660, 0.3128,
0.2980

321.3172, 0.3129,
0.3176

 8.5853, 0.3127,
0.2923

380.9855, 0.3129,

 4.4717, 0.3124,

0.3182

0.2840

447.6180, 0.3129,
0.3188

■ 1.9408, 0.3118,
0.2709

■ 0.5727, 0.3139,
0.2364

■ 88.0293, 0.3129,
0.3116

■ 88.0293, 0.3129,
0.3116

■ 74.1803, 0.3131,
0.2863

99.8165, 0.3129,
0.3300

■ 62.3216, 0.3131,
0.2608

99.9346, 0.3133,
0.3300

■ 52.3633, 0.3129,
0.2358

■ 44.2047, 0.3126,
0.2124

■ 37.7352, 0.3120,
0.1916

■ 32.8326, 0.3112,
0.1742

■ 29.3577, 0.3102,
0.1610

■ 27.1472, 0.3090,
0.1522

■ 25.9922, 0.3078,
0.1476

Harmonies

Analogous

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



88.0293, 0.3008, 0.3079



88.0293, 0.3129, 0.3116



88.0293, 0.3252, 0.3197

Triad

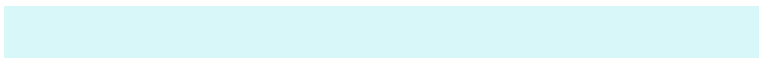
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.0293, 0.3129, 0.3116



88.0293, 0.3338, 0.3484



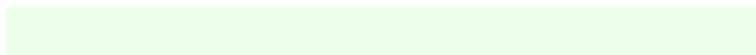
88.0293, 0.2916, 0.3272

Complementary

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



88.0293, 0.3129, 0.3116



94.9253, 0.3125, 0.3470

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.



88.0293, 0.3002, 0.3385



88.0293, 0.3129, 0.3116



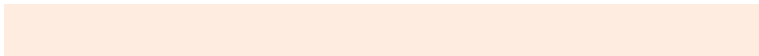
88.0293, 0.3245, 0.3509

Square

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



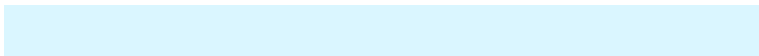
88.0293, 0.3129, 0.3116



88.0293, 0.3374, 0.3407



88.0293, 0.3122, 0.3473



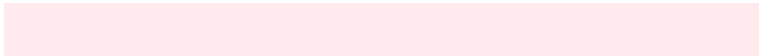
88.0293, 0.2887, 0.3166

Rectangle

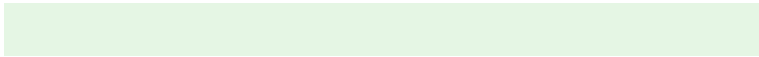
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.0293, 0.3129, 0.3116



88.0293, 0.3318, 0.3266



88.0293, 0.3122, 0.3473



88.0293, 0.2939, 0.3310

Sweetspot

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



88.0331, 0.3129, 0.3116



96.7377, 0.3128, 0.3241



85.6714, 0.3018, 0.3122



20.7400, 0.3128, 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.



88.0331, 0.3129, 0.3116



87.4626, 0.3129, 0.3093



87.7240, 0.3184, 0.3191



18.2482, 0.3130, 0.3055



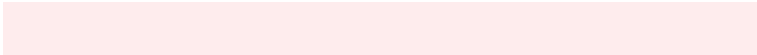
13.6053, 0.3076, 0.1468



1.3392, 0.3092, 0.1477

Inverse Universe

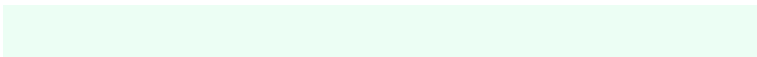
The Inverse Universe completely reimagines the original color for something new.



87.1705, 0.3242, 0.3281



86.4857, 0.3259, 0.3280



95.2239, 0.3074, 0.3391



18.0027, 0.3286, 0.3278



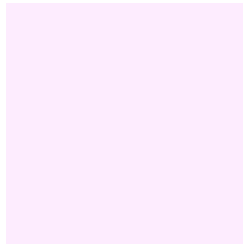
11.1311, 0.6347, 0.3270



1.0891, 0.6222, 0.3201

Previews

White Background



This preview shows how the Yxy color 88.0293, 0.3129, 0.3116 looks on a white background.

Color Contrast Check

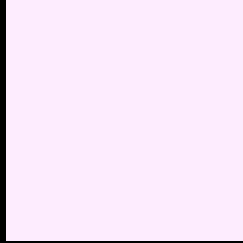
Large Text (above 18pt) WCAG AA × Fail

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 88.0293, 0.3129, 0.3116 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

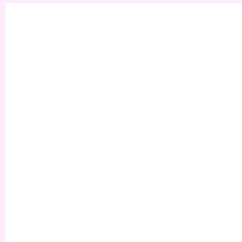
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.0293, 0.3129, 0.3116

Background



This preview shows how black text looks on a background with the Yxy color 88.0293, 0.3129, 0.3116.

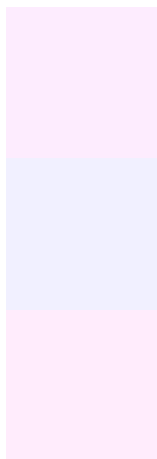


This preview shows how white text looks on a background with the Yxy color 88.0293, 0.3129, 0.3116.

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

88.0293, 0.3129, 0.3116

Protanopia

88.2409, 0.3044, 0.3142

Deuteranopia

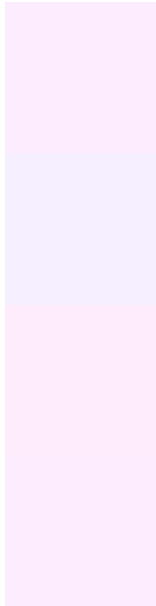
88.2792, 0.3154, 0.3136



Tritanopia

88.0293, 0.3129, 0.3116

Trichromacy



Original Color

88.0293, 0.3129, 0.3116

Protanomaly

88.3655, 0.3070, 0.3133

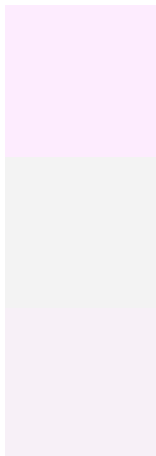
Deuteranomaly

88.1536, 0.3141, 0.3126

Tritanomaly

88.0293, 0.3129, 0.3116

Monochromacy



Original Color

88.0293, 0.3129, 0.3116

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

88.8097, 0.3130, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0293, 0.3129, 0.3116 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, 236, 254)` looks like.

```
.text, #text, p{  
    color:rgb(253, 236, 254)  
}
```

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, 236, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 236, 254) }
```

Border

The CSS property to change the border of an element to Yxy 88.0293, 0.3129, 0.3116 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, 236, 254) }
```

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

```
.border{ border-color:rgb(253, 236, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 236, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 236, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 236, 254);  
box-shadow:4px 4px 4px 4px rgb(253, 236,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0293, 0.3129, 0.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 236, 254) }
```

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

```
.background{ background-color: rgb(253,  
236, 254) }
```

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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