

Converting Colors

$Yxy(88.0399, 0.3107, 0.3178)$

Have a look what the booklet for
Yxy(88.0399, 0.3107, 0.3178)
contains.

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Color

Yxy(88.2280, 0.3106, 0.3182)

Conversions

Conversions Part 1

Format	Color
Hex	F6EFFA
RGB	246, 239, 250
RGB Percent	96%, 94%, 98%
CMY	0.0354, 0.0627, 0.0196
CMYK	0.02, 0.04, 0.00, 0.02
HSL	278°, 52%, 96%
HSV	278°, 4%, 98%
XYZ	86.1207, 88.2280, 102.9234
YIQ	242.3470, 0.6410, 4.9050

Conversions

Conversions Part 2

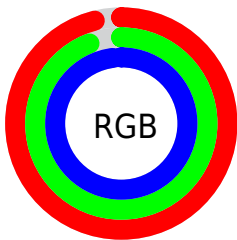
Format	Color
R _Y B	246, 239, 250
Decimal	16183290
CIE Lab	95.26, 4.27, -4.46
CIE LCh	95, 6.178, 313.785
Yxy	88.2280, 0.3106, 0.3182
Android (android.graphics.Color)	4294373370 (0xFF6E6EFA)
YUV	242.3470, 3.7729, 3.2037
Hunter-Lab	93.9298, -0.7170, 0.7839

Details

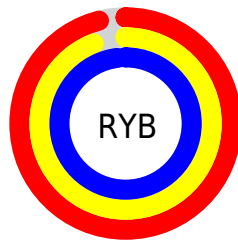
The Yxy color $88.2280, 0.3106, 0.3182$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $93.6566, 0.3147, 0.3399$, and the grayscale version is $89.0514, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $48.7092, 0.3100, 0.3152$ is the 20% darker color. If you saturate the color by 10%, you get $72.9804, 0.3051, 0.2923$, and if you desaturate by 10%, it is $99.6815, 0.3156, 0.3338$.

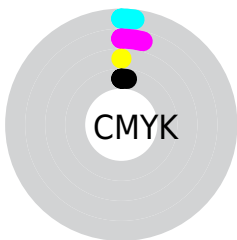
Distribution



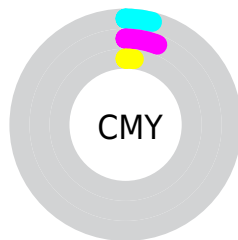
- Red (96%)
- Green (94%)
- Blue (98%)



- Red (96%)
- Yellow (94%)
- Blue (98%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)





- Cyan (4%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.2280, 0.3106, 0.3182 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 88.2280, 0.3106, 0.3182 by changing the saturation by 10% instead.


 88.2280, 0.3106,
0.3182

 88.2280, 0.3106,
0.3182


522.2496, 0.3116,
0.3230

 66.5119, 0.3104,
0.3171


144.8745, 0.3109,
0.3198

 48.6881, 0.3101,
0.3159


180.5738, 0.3111,
0.3205

 34.3721, 0.3098,
0.3143


221.7029, 0.3112,
0.3210

 23.1796, 0.3094,
0.3123

268.6462, 0.3113,
0.3215

 14.7262, 0.3088,
0.3096

321.7881, 0.3114,
0.3220

 8.6274, 0.3080,
0.3059

381.5130, 0.3114,

 4.4990, 0.3067,

0.3223

0.3005

448.2054, 0.3115,
0.3227

■ 1.9564, 0.3047,
0.2919

■ 0.5820, 0.3009,
0.2664

■ 88.2280, 0.3106,
0.3182

■ 88.2280, 0.3106,
0.3182

■ 72.9804, 0.3051,
0.2923

■ 99.6815, 0.3156,
0.3338

■ 59.7508, 0.2987,
0.2649

■ 48.4537, 0.2912,
0.2367

■ 38.9928, 0.2828,
0.2084

■ 31.2633, 0.2736,
0.1813

■ 25.1497, 0.2638,
0.1566

■ 20.5218, 0.2538,
0.1357

■ 17.2288, 0.2439,
0.1194

■ 15.0858, 0.2344,
0.1082

Harmonies

Analogous

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



88.2280, 0.3042, 0.3171



88.2280, 0.3106, 0.3182



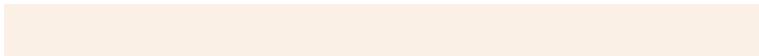
88.2280, 0.3176, 0.3221

Triad

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



88.2280, 0.3106, 0.3182



88.2280, 0.3255, 0.3388



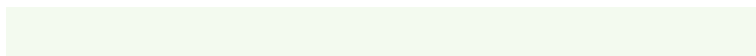
88.2280, 0.3021, 0.3301

Complementary

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



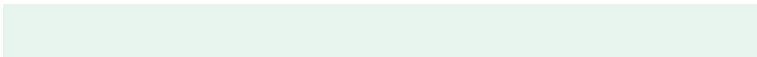
88.2280, 0.3106, 0.3182



93.6566, 0.3147, 0.3399

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.



88.2280, 0.3077, 0.3361



88.2280, 0.3106, 0.3182



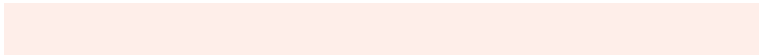
88.2280, 0.3212, 0.3411

Square

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



88.2280, 0.3106, 0.3182



88.2280, 0.3263, 0.3339



88.2280, 0.3147, 0.3401



88.2280, 0.2993, 0.3239

Rectangle

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



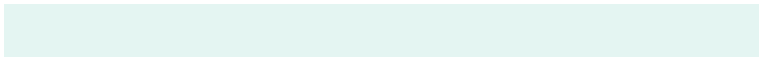
88.2280, 0.3106, 0.3182



88.2280, 0.3217, 0.3258



88.2280, 0.3147, 0.3401



88.2280, 0.3037, 0.3322

Sweetspot

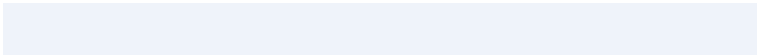
The Sweet Spot groups the original color and five complimentary colors.



88.2318, 0.3106, 0.3182



98.2075, 0.3122, 0.3266



89.3787, 0.3060, 0.3221



21.0393, 0.3123, 0.3267



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.



88.2318, 0.3106, 0.3182



91.2604, 0.3103, 0.3167



88.8732, 0.3141, 0.3197



18.4608, 0.3099, 0.3149



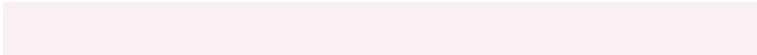
7.6372, 0.2308, 0.1045



0.7673, 0.2415, 0.1104

Inverse Universe

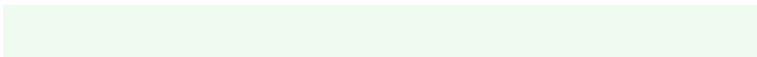
The Inverse Universe completely reimagines the original color for something new.



88.5357, 0.3175, 0.3251



91.6229, 0.3182, 0.3245



93.0377, 0.3113, 0.3385



18.5453, 0.3190, 0.3239



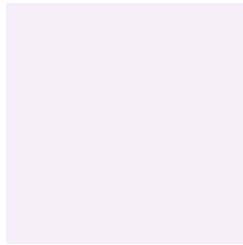
11.2094, 0.5521, 0.2815



1.0578, 0.5194, 0.2635

Previews

White Background



This preview shows how the Yxy color 88.2280, 0.3106, 0.3182 looks on a white background.

Color Contrast Check

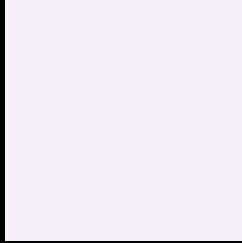
Large Text (above 18pt) WCAG AA × Fail

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 88.2280, 0.3106, 0.3182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

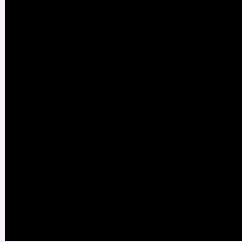
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

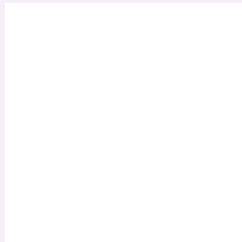
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.2280, 0.3106, 0.3182

Background



This preview shows how black text looks on a background with the Yxy color 88.2280, 0.3106, 0.3182.

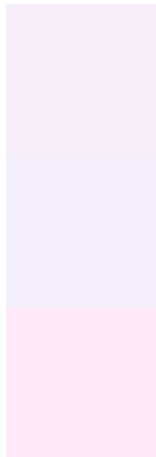


This preview shows how white text looks on a background with the Yxy color 88.2280, 0.3106, 0.3182.

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

88.2280, 0.3106, 0.3182

Protanopia

88.3399, 0.3080, 0.3181

Deuteranopia

88.0282, 0.3179, 0.3174



Tritanopia

87.9619, 0.3076, 0.3124

Trichromacy



Original Color

88.2280, 0.3106, 0.3182

Protanomaly

88.5183, 0.3087, 0.3182

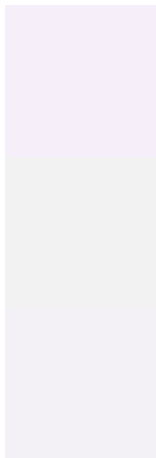
Deuteranomaly

88.1034, 0.3152, 0.3173

Tritanomaly

87.8338, 0.3088, 0.3143

Monochromacy



Original Color

88.2280, 0.3106, 0.3182

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.5579, 0.3116, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.2280, 0.3106, 0.3182 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(246, 239, 250)` looks like.

```
.text, #text, p{  
    color:rgb(246, 239, 250)  
}
```

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(246, 239, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 239, 250) }
```

Border

The CSS property to change the border of an element to Yxy 88.2280, 0.3106, 0.3182 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(246, 239, 250) }
```

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

```
.border{ border-color:rgb(246, 239, 250) }
```

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

Here you see how a box with a 4 pixel rgb(246, 239, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 239, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 239, 250);  
box-shadow:4px 4px 4px 4px rgb(246, 239,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 88.2280, 0.3106, 0.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 239, 250) }
```

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

```
.background{ background-color: rgb(246,  
239, 250) }
```

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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