

Converting Colors

$Yxy(88.0077, 0.3057, 0.3132)$

Have a look what the booklet for
Yxy(88.0077, 0.3057, 0.3132)
contains.

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Color

Yxy(88.0077, 0.3057, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	F3EFFF
RGB	243, 239, 255
RGB Percent	95%, 94%, 100%
CMY	0.0468, 0.0628, 0.0000
CMYK	0.05, 0.06, 0.00, 0.00
HSL	255°, 100%, 97%
HSV	255°, 6%, 100%
XYZ	85.9002, 88.0077, 107.0873
YIQ	242.0200, -2.7520, 5.8240

Conversions

Conversions Part 2

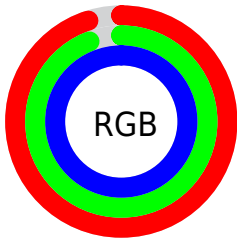
Format	Color
R _Y B	243, 239, 255
Decimal	15986687
CIE Lab	95.16, 4.26, -7.23
CIE LCh	95, 8.394, 300.507
Yxy	88.0077, 0.3057, 0.3132
Android (android.graphics.Color)	4294176767 (0xFFFF3EFFF)
YUV	242.0200, 6.3991, 0.8595
Hunter-Lab	93.8124, -0.7265, -2.0111

Details

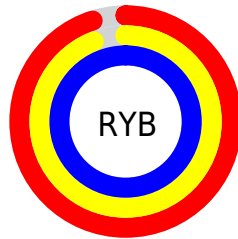
The Yxy color **88.0077, 0.3057, 0.3132** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **98.2428, 0.3194, 0.3445**, and the grayscale version is **88.7683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.5090, 0.3045, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **70.9126, 0.2932, 0.2858**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

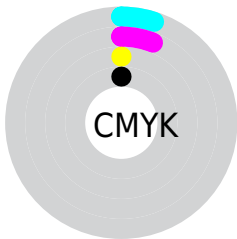
Distribution



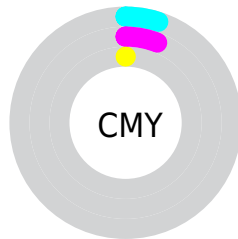
- Red (95%)
- Green (94%)
- Blue (100%)



- Red (95%)
- Yellow (94%)
- Blue (100%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.0077, 0.3057, 0.3132 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 88.0077, 0.3057, 0.3132 by changing the saturation by 10% instead.


 88.0077, 0.3057,
0.3132

 88.0077, 0.3057,
0.3132


521.5284, 0.3089,
0.3202

 66.3294, 0.3050,
0.3117


144.5679, 0.3068,
0.3156

 48.5399, 0.3041,
0.3098


180.2186, 0.3072,
0.3165

 34.2546, 0.3031,
0.3075


221.2956, 0.3076,
0.3173

 23.0893, 0.3017,
0.3045

268.1832, 0.3079,
0.3181

 14.6594, 0.2999,
0.3007

321.2660, 0.3082,
0.3187

 8.5807, 0.2973,
0.2953

380.9281, 0.3084,

 4.4687, 0.2935,

0.3193

0.2876

447.5542, 0.3087,
0.3198

■ 1.9391, 0.2872,
0.2752

■ 0.5717, 0.2747,
0.2426

■ 88.0077, 0.3057,
0.3132

■ 88.0077, 0.3057,
0.3132

■ 70.9126, 0.2932,
0.2858

100.0000, 0.3127,
0.3290

■ 56.1726, 0.2788,
0.2558

■ 43.6849, 0.2628,
0.2236

■ 33.3365, 0.2454,
0.1904

■ 25.0044, 0.2272,
0.1577

■ 18.5530, 0.2092,
0.1274

■ 13.8293, 0.1924,
0.1018

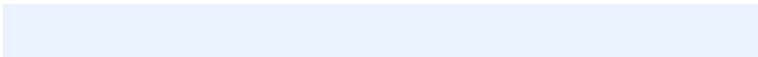
■ 10.6554, 0.1780,
0.0825

■ 8.8119, 0.1669,
0.0706

Harmonies

Analogous

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



88.0077, 0.2982, 0.3136



88.0077, 0.3057, 0.3132



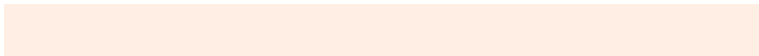
88.0077, 0.3152, 0.3169

Triad

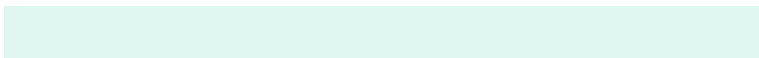
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.0077, 0.3057, 0.3132



88.0077, 0.3312, 0.3396



88.0077, 0.3013, 0.3343

Complementary

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



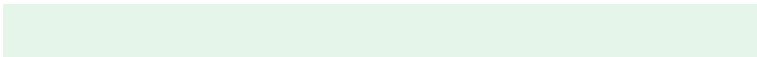
88.0077, 0.3057, 0.3132



98.2428, 0.3194, 0.3445

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.



88.0077, 0.3100, 0.3416



88.0077, 0.3057, 0.3132



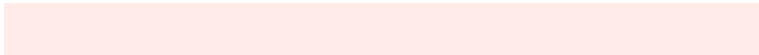
88.0077, 0.3274, 0.3446

Square

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



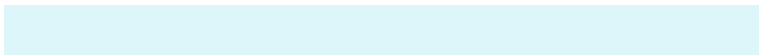
88.0077, 0.3057, 0.3132



88.0077, 0.3301, 0.3320



88.0077, 0.3196, 0.3454



88.0077, 0.2957, 0.3256

Rectangle

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



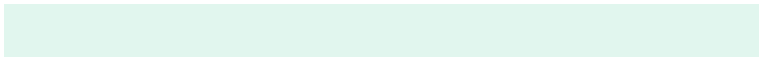
88.0077, 0.3057, 0.3132



88.0077, 0.3214, 0.3212



88.0077, 0.3196, 0.3454



88.0077, 0.3040, 0.3370

Sweetspot

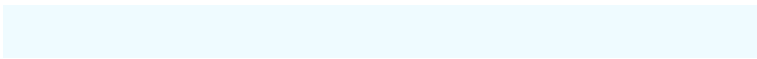
The Sweet Spot groups the original color and five complimentary colors.



88.0098, 0.3057, 0.3132



96.0761, 0.3106, 0.3241



94.5588, 0.3030, 0.3250



20.6053, 0.3107, 0.3243



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.



88.0098, 0.3057, 0.3132



84.9004, 0.3037, 0.3087



89.4503, 0.3108, 0.3135



17.6020, 0.3019, 0.3047



4.4223, 0.1649, 0.0682



0.4801, 0.1759, 0.0743

Inverse Universe

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



89.9411, 0.3159, 0.3175



87.3367, 0.3169, 0.3143



96.8030, 0.3145, 0.3448



18.2164, 0.3177, 0.3115



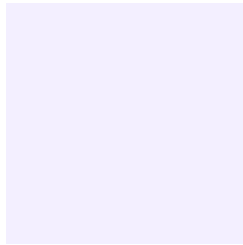
13.0733, 0.3985, 0.1969



1.2906, 0.3876, 0.1909

Previews

White Background



This preview shows how the Yxy color 88.0077, 0.3057, 0.3132 looks on a white background.

Color Contrast Check

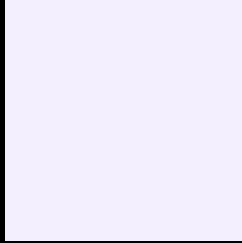
Large Text (above 18pt) WCAG AA × Fail

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 88.0077, 0.3057, 0.3132 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

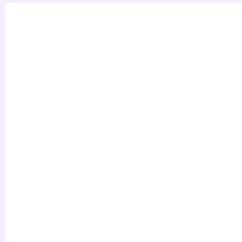
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.0077, 0.3057, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 88.0077, 0.3057, 0.3132.



This preview shows how white text looks on a background with the Yxy color 88.0077, 0.3057, 0.3132.

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

88.0077, 0.3057, 0.3132

Protanopia

88.2409, 0.3044, 0.3142

Deuteranopia

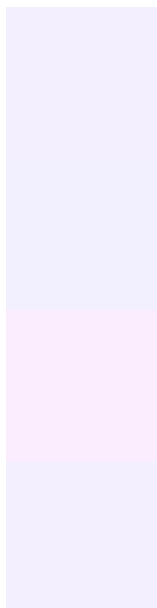
87.8324, 0.3142, 0.3107



Tritanopia

88.0077, 0.3057, 0.3132

Trichromacy



Original Color

88.0077, 0.3057, 0.3132

Protanomaly

88.4174, 0.3050, 0.3142

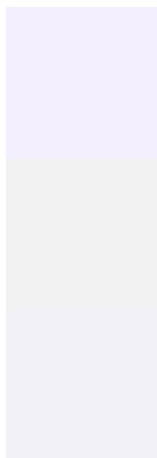
Deuteranomaly

87.6559, 0.3116, 0.3115

Tritanomaly

88.0077, 0.3057, 0.3132

Monochromacy



Original Color

88.0077, 0.3057, 0.3132

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.5032, 0.3097, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0077, 0.3057, 0.3132 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(243, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 239, 255) }
```

Border

The CSS property to change the border of an element to Yxy 88.0077, 0.3057, 0.3132 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(243, 239, 255) }
```

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

```
.border{ border-color:rgb(243, 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(243, 239, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 239,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0077, 0.3057, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 239, 255) }
```

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

```
.background{ background-color: rgb(243,  
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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