

Converting Colors

$Yxy(86.6273, 0.3083, 0.3138)$

Have a look what the booklet for
Yxy(86.6273, 0.3083, 0.3138)
contains.

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Color

Yxy(86.8297, 0.3082, 0.3142)

Conversions

Conversions Part 1

Format	Color
Hex	F4EDFC
RGB	244, 237, 252
RGB Percent	96%, 93%, 99%
CMY	0.0430, 0.0706, 0.0118
CMYK	0.03, 0.06, 0.00, 0.01
HSL	268°, 71%, 96%
HSV	268°, 6%, 99%
XYZ	85.1716, 86.8297, 104.3504
YIQ	240.8030, -0.6430, 6.1490

Conversions

Conversions Part 2

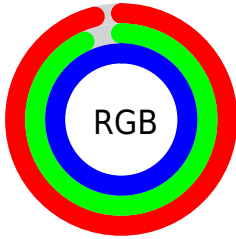
Format	Color
R_{YB}	244, 237, 252
Decimal	16051708
CIE _{Lab}	94.67, 5.04, -6.38
CIE _{LCh}	95, 8.131, 308.287
Yxy	86.8297, 0.3082, 0.3142
Android (android.graphics.Color)	4294241788 (0xFFF4EDFC)
YUV	240.8030, 5.5201, 2.8038
Hunter-Lab	93.1825, 0.0851, -1.1682

Details

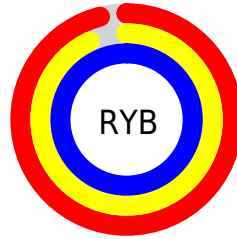
The Yxy color **86.8297, 0.3082, 0.3142** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95.1243, 0.3170, 0.3438**, and the grayscale version is **87.7622, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.6792, 0.3076, 0.3113** is the 20% darker color. If you saturate the color by 10%, you get **70.9511, 0.2996, 0.2875**, and if you desaturate by 10%, it is **99.8072, 0.3145, 0.3319**.

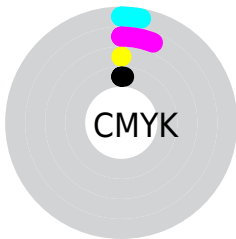
Distribution



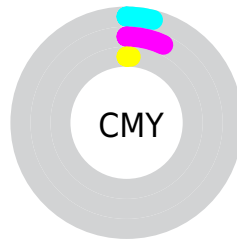
- Red (96%)
- Green (93%)
- Blue (99%)



- Red (96%)
- Yellow (93%)
- Blue (99%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (4%)
- Magenta (7%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.8297, 0.3082, 0.3142 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 86.8297, 0.3082, 0.3142 by changing the saturation by 10% instead.

86.8297, 0.3082,
0.3142

86.8297, 0.3082,
0.3142

517.6631, 0.3103,
0.3208

65.3543, 0.3077,
0.3128

142.9267, 0.3089,
0.3164

47.7484, 0.3072,
0.3110

178.3172, 0.3092,
0.3173

33.6277, 0.3065,
0.3088

219.1147, 0.3094,
0.3181

22.6077, 0.3056,
0.3060

265.7038, 0.3096,
0.3188

14.3041, 0.3043,
0.3024

318.4687, 0.3098,
0.3194

8.3325, 0.3026,
0.2973

377.7940, 0.3100,

4.3084, 0.3000,

0.3199

0.2900

444.0640, 0.3101,
0.3204

■ 1.8475, 0.2957,
0.2781

■ 0.5166, 0.2869,
0.2414

■ 86.8297, 0.3082,
0.3142

■ 86.8297, 0.3082,
0.3142

■ 70.9511, 0.2996,
0.2875

99.8072, 0.3145,
0.3319

■ 57.2032, 0.2896,
0.2589

■ 45.4951, 0.2782,
0.2289

■ 35.7246, 0.2656,
0.1985

■ 27.7807, 0.2520,
0.1689

■ 21.5407, 0.2380,
0.1417

■ 16.8660, 0.2240,
0.1184

■ 13.5951, 0.2109,
0.1005

■ 11.5286, 0.1992,
0.0884

Harmonies

Analogous

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



86.8297, 0.3002, 0.3135



86.8297, 0.3082, 0.3142



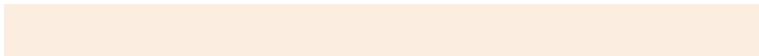
86.8297, 0.3176, 0.3187

Triad

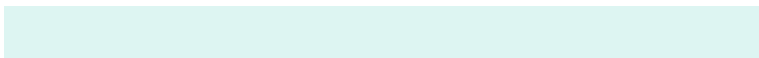
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.8297, 0.3082, 0.3142



86.8297, 0.3302, 0.3409



86.8297, 0.2998, 0.3320

Complementary

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



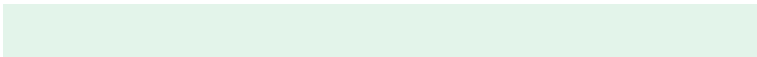
86.8297, 0.3082, 0.3142



95.1243, 0.3170, 0.3438

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.



86.8297, 0.3077, 0.3397



86.8297, 0.3082, 0.3142



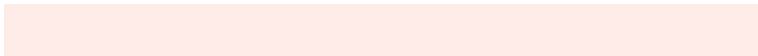
86.8297, 0.3253, 0.3448

Square

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



86.8297, 0.3082, 0.3142



86.8297, 0.3304, 0.3340



86.8297, 0.3171, 0.3444



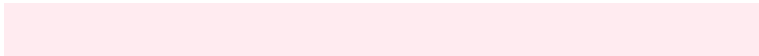
86.8297, 0.2954, 0.3236

Rectangle

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



86.8297, 0.3082, 0.3142



86.8297, 0.3233, 0.3233



86.8297, 0.3171, 0.3444



86.8297, 0.3022, 0.3347

Sweetspot

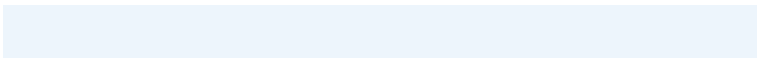
The Sweet Spot groups the original color and five complimentary colors.



86.8334, 0.3082, 0.3142



96.2804, 0.3112, 0.3241



90.3284, 0.3035, 0.3220



20.6469, 0.3113, 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.



86.8334, 0.3082, 0.3142



87.3861, 0.3074, 0.3115



88.1914, 0.3131, 0.3144



17.6989, 0.3069, 0.3100



5.7729, 0.1965, 0.0856



0.5972, 0.2096, 0.0928

Inverse Universe

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



87.8459, 0.3178, 0.3213



88.6063, 0.3187, 0.3198



93.8136, 0.3123, 0.3440



17.9693, 0.3193, 0.3191



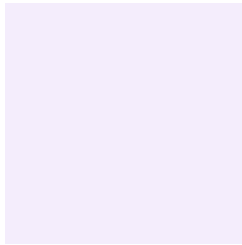
11.6995, 0.4837, 0.2438



1.1050, 0.4588, 0.2301

Previews

White Background



This preview shows how the Yxy color 86.8297, 0.3082, 0.3142 looks on a white background.

Color Contrast Check

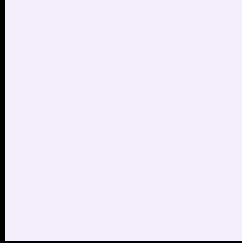
Large Text (above 18pt) WCAG AA × Fail

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 86.8297, 0.3082, 0.3142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

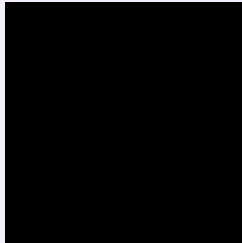
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

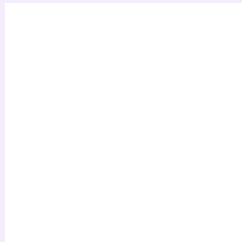
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.8297, 0.3082, 0.3142

Background



This preview shows how black text looks on a background with the Yxy color 86.8297, 0.3082, 0.3142.



This preview shows how white text looks on a background with the Yxy color 86.8297, 0.3082, 0.3142.

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

86.8297, 0.3082, 0.3142

Protanopia

86.7662, 0.3049, 0.3141

Deuteranopia

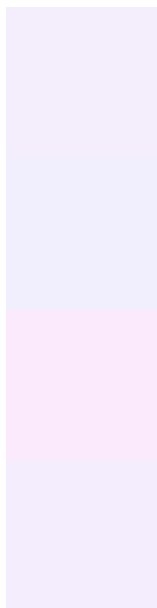
86.5029, 0.3162, 0.3116



Tritanopia

87.0215, 0.3064, 0.3113

Trichromacy



Original Color

86.8297, 0.3082, 0.3142

Protanomaly

86.9417, 0.3056, 0.3141

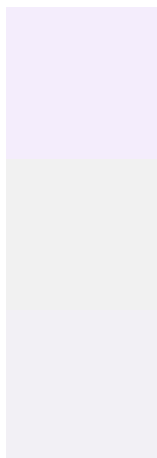
Deuteranomaly

86.3199, 0.3135, 0.3124

Tritanomaly

86.9572, 0.3070, 0.3123

Monochromacy



Original Color

86.8297, 0.3082, 0.3142

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.7900, 0.3110, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.8297, 0.3082, 0.3142 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(244, 237, 252)` looks like.

```
.text, #text, p{  
    color:rgb(244, 237, 252)  
}
```

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(244, 237, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 237, 252) }
```

Border

The CSS property to change the border of an element to Yxy 86.8297, 0.3082, 0.3142 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(244, 237, 252) }
```

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

```
.border{ border-color:rgb(244, 237, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 237, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 237, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 237, 252);  
box-shadow:4px 4px 4px 4px rgb(244, 237,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 86.8297, 0.3082, 0.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 237, 252) }
```

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

```
.background{ background-color: rgb(244,  
237, 252) }
```

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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