

Converting Colors

$Yxy(87.5920, 0.3060, 0.3127)$

Have a look what the booklet for
Yxy(87.5920, 0.3060, 0.3127)
contains.

Yxy(87.4238, 0.3057, 0.3122)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(87.4238, 0.3057, 0.3122)

Conversions

Conversions Part 1

Format	Color
Hex	F3EEFF
RGB	243, 238, 255
RGB Percent	95%, 93%, 100%
CMY	0.0469, 0.0667, 0.0000
CMYK	0.05, 0.07, 0.00, 0.00
HSL	258°, 100%, 97%
HSV	258°, 7%, 100%
XYZ	85.6036, 87.4238, 106.9975
YIQ	241.4330, -2.4770, 6.3470

Conversions

Conversions Part 2

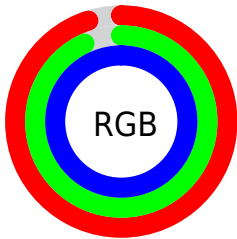
Format	Color
R _Y B	243, 238, 255
Decimal	15986431
CIE Lab	94.92, 4.77, -7.60
CIE LCh	95, 8.972, 302.088
Yxy	87.4238, 0.3057, 0.3122
Android (android.graphics.Color)	4294176511 (0xFF3EEFF)
YUV	241.4330, 6.6885, 1.3743
Hunter-Lab	93.5007, -0.2023, -2.3980

Details

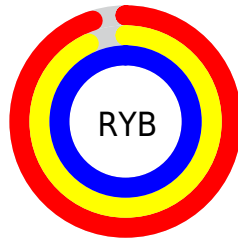
The Yxy color **87.4238, 0.3057, 0.3122** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98.0043, 0.3194, 0.3456**, and the grayscale version is **88.2753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.0979, 0.3045, 0.3089** is the 20% darker color. If you saturate the color by 10%, you get **70.5814, 0.2938, 0.2848**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

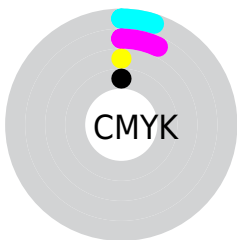
Distribution



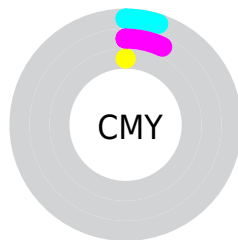
- Red (95%)
- Green (93%)
- Blue (100%)



- Red (95%)
- Yellow (93%)
- Blue (100%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 87.4238, 0.3057, 0.3122 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 87.4238, 0.3057, 0.3122 by changing the saturation by 10% instead.


 87.4238, 0.3057,
0.3122

 87.4238, 0.3057,
0.3122

519.6145, 0.3089,
0.3197

 65.8460, 0.3050,
0.3106

143.7547, 0.3068,
0.3147

 48.1474, 0.3041,
0.3086


179.2766, 0.3072,
0.3157

 33.9436, 0.3031,
0.3061

220.2152, 0.3076,
0.3166

 22.8503, 0.3017,
0.3030

266.9551, 0.3079,
0.3174

 14.4830, 0.2998,
0.2989

319.8806, 0.3082,
0.3180

 8.4574, 0.2972,
0.2932

379.3760, 0.3084,

 4.3890, 0.2934,

0.3186

0.2849

445.8258, 0.3087,
0.3192

■ 1.8934, 0.2870,
0.2717

■ 0.5444, 0.2742,
0.2355

■ 87.4238, 0.3057,
0.3122

■ 87.4238, 0.3057,
0.3122

■ 70.5814, 0.2938,
0.2848

100.0000, 0.3127,
0.3290

■ 56.0543, 0.2803,
0.2550

■ 43.7409, 0.2650,
0.2232

■ 33.5296, 0.2485,
0.1905

■ 25.2992, 0.2311,
0.1584

■ 18.9158, 0.2136,
0.1288

■ 14.2283, 0.1973,
0.1037

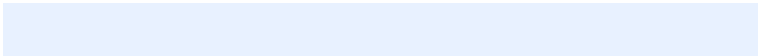
■ 11.0603, 0.1829,
0.0848

■ 9.1925, 0.1715,
0.0729

Harmonies

Analogous

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



87.4238, 0.2975, 0.3123



87.4238, 0.3057, 0.3122



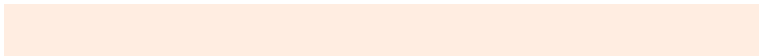
87.4238, 0.3159, 0.3164

Triad

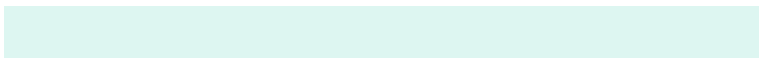
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.4238, 0.3057, 0.3122



87.4238, 0.3325, 0.3408



87.4238, 0.3001, 0.3342

Complementary

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



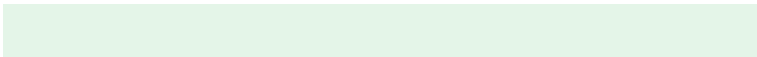
87.4238, 0.3057, 0.3122



98.0043, 0.3194, 0.3456

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.



87.4238, 0.3093, 0.3422



87.4238, 0.3057, 0.3122



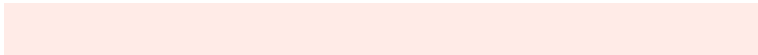
87.4238, 0.3281, 0.3459

Square

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



87.4238, 0.3057, 0.3122



87.4238, 0.3315, 0.3327



87.4238, 0.3195, 0.3465



87.4238, 0.2943, 0.3249

Rectangle

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



87.4238, 0.3057, 0.3122



87.4238, 0.3225, 0.3211



87.4238, 0.3195, 0.3465



87.4238, 0.3029, 0.3371

Sweetspot

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



87.4254, 0.3057, 0.3122



96.1161, 0.3107, 0.3241



93.8778, 0.3024, 0.3242



20.6135, 0.3108, 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.



87.4254, 0.3057, 0.3122



85.0512, 0.3042, 0.3088



88.9290, 0.3111, 0.3125



17.6398, 0.3025, 0.3047



4.6406, 0.1697, 0.0708



0.5056, 0.1814, 0.0773

Inverse Universe

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



89.2995, 0.3166, 0.3175



87.2829, 0.3174, 0.3151



96.5117, 0.3142, 0.3458



18.2028, 0.3184, 0.3125



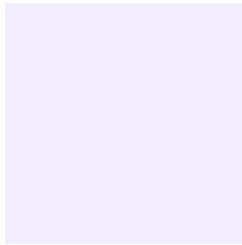
12.8388, 0.4140, 0.2054



1.2693, 0.4008, 0.1981

Previews

White Background



This preview shows how the Yxy color 87.4238, 0.3057, 0.3122 looks on a white background.

Color Contrast Check

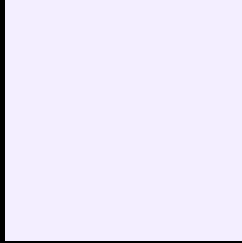
Large Text (above 18pt) WCAG AA × Fail

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 87.4238, 0.3057, 0.3122 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 87.4238, 0.3057, 0.3122

Background



This preview shows how black text looks on a background with the Yxy color 87.4238, 0.3057, 0.3122.



This preview shows how white text looks on a background with the Yxy color 87.4238, 0.3057, 0.3122.

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

87.4238, 0.3057, 0.3122

Protanopia

87.4783, 0.3037, 0.3131

Deuteranopia

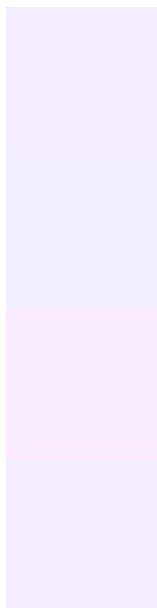
87.2614, 0.3143, 0.3097



Tritanopia

87.4238, 0.3057, 0.3122

Trichromacy



Original Color

87.4238, 0.3057, 0.3122

Protanomaly

87.6538, 0.3044, 0.3132

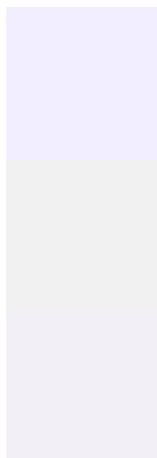
Deuteranomaly

87.0816, 0.3116, 0.3105

Tritanomaly

87.4238, 0.3057, 0.3122

Monochromacy



Original Color

87.4238, 0.3057, 0.3122

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.8512, 0.3104, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.4238, 0.3057, 0.3122 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, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 238, 255) }
```

Border

The CSS property to change the border of an element to Yxy 87.4238, 0.3057, 0.3122 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, 238, 255) }
```

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

```
.border{ border-color:rgb(243, 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(243, 238, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 238,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 87.4238, 0.3057, 0.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 238, 255) }
```

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

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