

Converting Colors

Yxy(87.0362, 0.3053, 0.3611)

Have a look what the booklet for
Yxy(87.0362, 0.3053, 0.3611)
contains.

Yxy(87.2402, 0.3050, 0.3611)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(87.2402, 0.3050, 0.3611)

Conversions

Conversions Part 1

Format	Color
Hex	D2FADC
RGB	210, 250, 220
RGB Percent	82%, 98%, 86%
CMY	0.1764, 0.0196, 0.1372
CMYK	0.16, 0.00, 0.12, 0.02
HSL	135°, 80%, 90%
HSV	135°, 16%, 98%
XYZ	73.6867, 87.2402, 80.6688
YIQ	234.6200, -14.2100, -17.8100

Conversions

Conversions Part 2

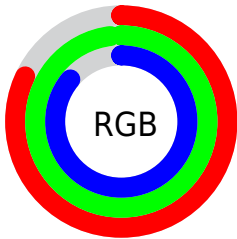
Format	Color
R _Y B	210, 242, 250
Decimal	13826780
CIE Lab	94.84, -18.43, 10.13
CIE LCh	95, 21.035, 151.206
Yxy	87.2402, 0.3050, 0.3611
Android (android.graphics.Color)	4292016860 (0xFFD2FADC)
YUV	234.6200, -7.2077, -21.5917
Hunter-Lab	93.4025, -22.6328, 14.1748

Details

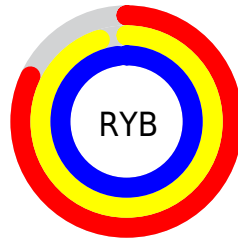
The Yxy color **87.2402, 0.3050, 0.3611** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.7194, 0.3215, 0.2989**, and the grayscale version is **82.8427, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.8251, 0.3030, 0.3680** is the 20% darker color. If you saturate the color by 10%, you get **82.9173, 0.3003, 0.3844**, and if you desaturate by 10%, it is **92.2552, 0.3098, 0.3403**.

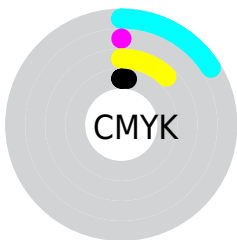
Distribution



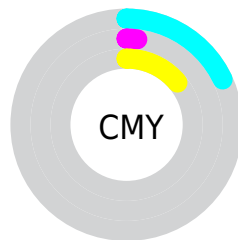
- Red (82%)
- Green (98%)
- Blue (86%)



- Red (82%)
- Yellow (95%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)





- Cyan (18%)
- Magenta (2%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.2402, 0.3050, 0.3611 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 87.2402, 0.3050, 0.3611 by changing the saturation by 10% instead.

 87.2402, 0.3050,
0.3611

 87.2402, 0.3050,
0.3611


519.0118, 0.3086,
0.3464

 65.6940, 0.3042,
0.3644

143.4989, 0.3063,
0.3560

 48.0240, 0.3031,
0.3685

178.9802, 0.3068,
0.3540

 33.8459, 0.3018,
0.3737


219.8753, 0.3072,
0.3523

 22.7753, 0.3000,
0.3805

266.5686, 0.3075,
0.3508

 14.4276, 0.2976,
0.3896

319.4445, 0.3079,
0.3495

 8.4187, 0.2940,
0.4027

378.8874, 0.3082,

 4.3640, 0.2884,

0.3483

0.4228

445.2817, 0.3084,
0.3473

■ 1.8792, 0.2780,
0.4577

■ 0.5358, 0.0996,
0.9004

■ 87.2402, 0.3050,
0.3611

■ 87.2402, 0.3050,
0.3611

■ 82.9173, 0.3003,
0.3844

■ 92.2552, 0.3098,
0.3403

■ 79.2452, 0.2959,
0.4101

■ 96.8516, 0.3129,
0.3242

■ 76.1951, 0.2922,
0.4377

■ 73.7318, 0.2893,
0.4665

■ 71.8161, 0.2877,
0.4952

■ 70.4044, 0.2875,
0.5226

■ 69.4458, 0.2888,
0.5469

■ 68.8780, 0.2915,
0.5669

■ 68.7243, 0.2926,
0.5735

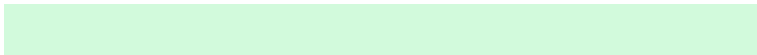
Harmonies

Analogous

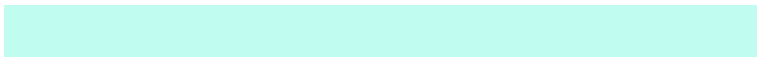
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.2402, 0.3289, 0.3709



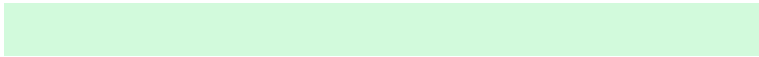
87.2402, 0.3050, 0.3611



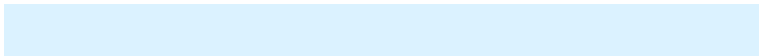
87.2402, 0.2837, 0.3417

Triad

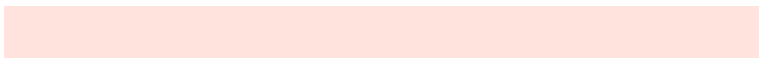
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.2402, 0.3050, 0.3611



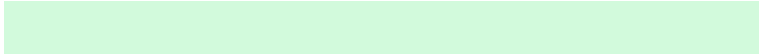
87.2402, 0.2769, 0.2905



87.2402, 0.3570, 0.3361

Complementary

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



87.2402, 0.3050, 0.3611



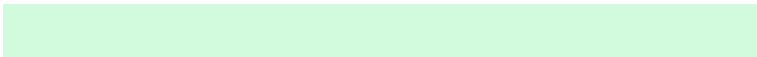
72.7194, 0.3215, 0.2989

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.



87.2402, 0.3420, 0.3162



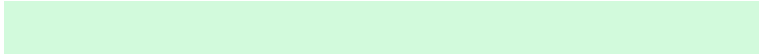
87.2402, 0.3050, 0.3611



87.2402, 0.2954, 0.2904

Square

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



87.2402, 0.3050, 0.3611



87.2402, 0.2679, 0.3006



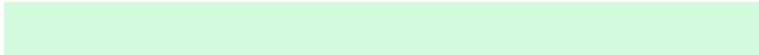
87.2402, 0.3192, 0.2997



87.2402, 0.3595, 0.3552

Rectangle

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



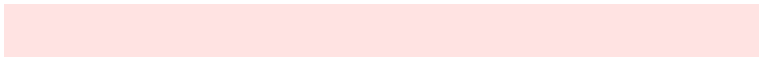
87.2402, 0.3050, 0.3611



87.2402, 0.2737, 0.3266



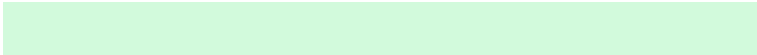
87.2402, 0.3192, 0.2997



87.2402, 0.3532, 0.3294

Sweetspot

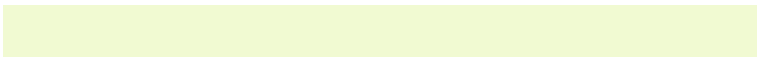
The Sweet Spot groups the original color and five complimentary colors.



87.2439, 0.3050, 0.3611



97.0607, 0.3103, 0.3384



91.6688, 0.3306, 0.3696



20.6898, 0.3100, 0.3397



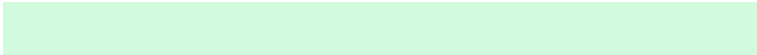
0.0000, 0.0000, 0.0000



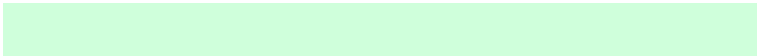
21.4041, 0.3127, 0.3290

Same Dimension

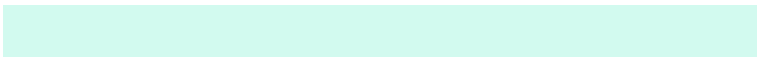
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.2439, 0.3050, 0.3611



89.8168, 0.3036, 0.3679



88.3283, 0.2942, 0.3401



19.3804, 0.3081, 0.3473



36.4726, 0.2919, 0.5709



3.3942, 0.2857, 0.5486

Inverse Universe

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



72.7194, 0.3215, 0.2989



72.1328, 0.3234, 0.2930



71.6308, 0.3353, 0.3182



17.4461, 0.3176, 0.3114



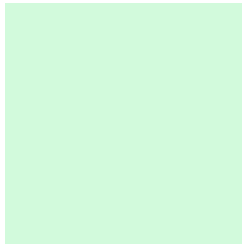
12.7205, 0.3963, 0.1957



1.1950, 0.3853, 0.1896

Previews

White Background



This preview shows how the Yxy color 87.2402, 0.3050, 0.3611 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 87.2402, 0.3050, 0.3611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

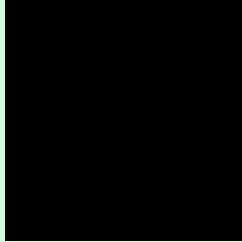
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

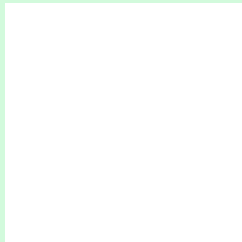
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.2402, 0.3050, 0.3611

Background



This preview shows how black text looks on a background with the Yxy color 87.2402, 0.3050, 0.3611.

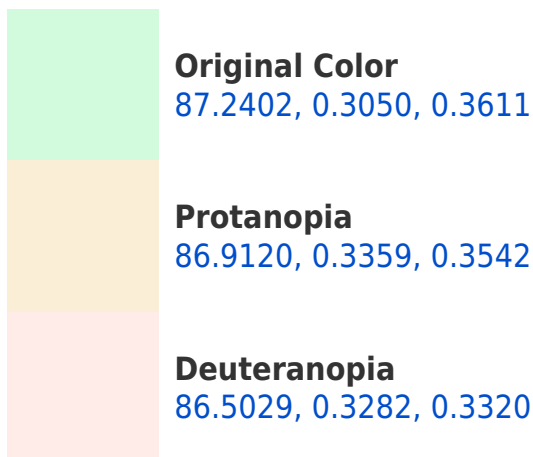


This preview shows how white text looks on a background with the Yxy color 87.2402, 0.3050, 0.3611.

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





Tritanopia

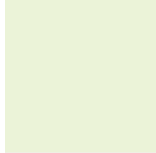
86.8930, 0.2950, 0.3158

Trichromacy



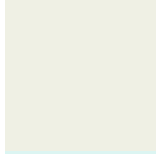
Original Color

87.2402, 0.3050, 0.3611



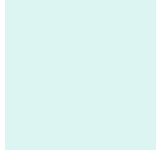
Protanomaly

86.7212, 0.3239, 0.3569



Deuteranomaly

86.2723, 0.3194, 0.3412



Tritanomaly

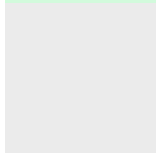
86.9313, 0.2987, 0.3321

Monochromacy



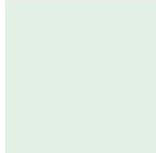
Original Color

87.2402, 0.3050, 0.3611



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

84.2021, 0.3096, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.2402, 0.3050, 0.3611 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(210, 250, 220)` looks like.

```
.text, #text, p{  
    color:rgb(210, 250, 220)  
}
```

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(210, 250, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 250, 220) }
```

Border

The CSS property to change the border of an element to Yxy 87.2402, 0.3050, 0.3611 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(210, 250, 220) }
```

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

```
.border{ border-color:rgb(210, 250, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 250, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 250, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 250, 220);  
box-shadow:4px 4px 4px 4px rgb(210, 250,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 87.2402, 0.3050, 0.3611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 250, 220) }
```

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

```
.background{ background-color: rgb(210,  
250, 220) }
```

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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