

Converting Colors

$Yxy(85.2962, 0.2976, 0.3581)$

Have a look what the booklet for
Yxy(85.2962, 0.2976, 0.3581)
contains.

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Color

Yxy(85.3047, 0.2978, 0.3584)

Conversions

Conversions Part 1

Format	Color
Hex	C8F9DE
RGB	200, 249, 222
RGB Percent	78%, 98%, 87%
CMY	0.2156, 0.0235, 0.1294
CMYK	0.20, 0.00, 0.11, 0.02
HSL	147°, 80%, 88%
HSV	147°, 20%, 98%
XYZ	70.8810, 85.3047, 81.8297
YIQ	231.2710, -20.5370, -18.7850

Conversions

Conversions Part 2

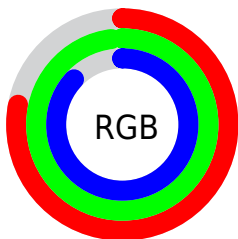
Format	Color
R _{YB}	200, 234, 249
Decimal	13171166
CIE _{Lab}	94.01, -20.78, 7.84
CIE _{LCh}	94, 22.211, 159.320
Y _{xy}	85.3047, 0.2978, 0.3584
Android (android.graphics.Color)	4291361246 (0xFFC8F9DE)
YUV	231.2710, -4.5706, -27.4247
Hunter-Lab	92.3605, -24.6433, 12.1226

Details

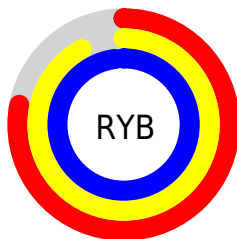
The Yxy color **85.3047, 0.2978, 0.3584** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **67.0022, 0.3310, 0.3013**, and the grayscale version is **80.1728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.5090, 0.2940, 0.3646** is the 20% darker color. If you saturate the color by 10%, you get **81.4476, 0.2907, 0.3759**, and if you desaturate by 10%, it is **89.7872, 0.3053, 0.3426**.

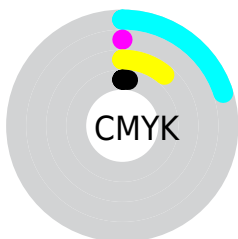
Distribution



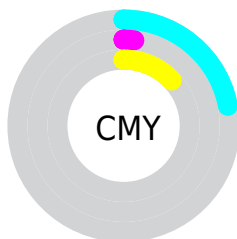
- Red (78%)
- Green (98%)
- Blue (87%)



- Red (78%)
- Yellow (92%)
- Blue (98%)



- Cyan (20%)
- Magenta (0%)
- Yellow (11%)
- Black (2%)




- Cyan (22%)
- Magenta (2%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.3047, 0.2978, 0.3584 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 85.3047, 0.2978, 0.3584 by changing the saturation by 10% instead.


 85.3047, 0.2978,
0.3584

 85.3047, 0.2978,
0.3584


512.6358, 0.3047,
0.3449

 64.0932, 0.2962,
0.3615

140.7988, 0.3002,
0.3537

 46.7261, 0.2943,
0.3653


175.8502, 0.3011,
0.3519

 32.8192, 0.2919,
0.3701


216.2836, 0.3019,
0.3503

 21.9880, 0.2888,
0.3763

262.4835, 0.3026,
0.3490

 13.8481, 0.2845,
0.3848

314.8343, 0.3032,
0.3477

 8.0151, 0.2784,
0.3970

373.7204, 0.3037,

 4.1046, 0.2689,

0.3467

0.4158

439.5260, 0.3042,
0.3457

1.7322, 0.2524,
0.4490

0.4444, 0.0000,
1.0000

85.3047, 0.2978,
0.3584

85.3047, 0.2978,
0.3584

81.4476, 0.2907,
0.3759

89.7872, 0.3053,
0.3426

78.1769, 0.2844,
0.3949

94.9109, 0.3130,
0.3286

75.4653, 0.2791,
0.4154

96.2337, 0.3130,
0.3233

73.2793, 0.2752,
0.4368

■ 71.5816, 0.2730,
0.4587

■ 70.3296, 0.2727,
0.4804

■ 69.4729, 0.2745,
0.5011

■ 68.9323, 0.2779,
0.5203

■ 68.9171, 0.2780,
0.5209

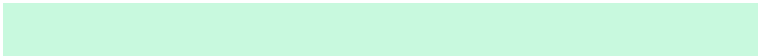
Harmonies

Analogous

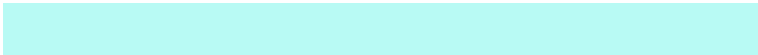
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.3047, 0.3231, 0.3721



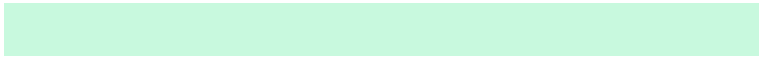
85.3047, 0.2978, 0.3584



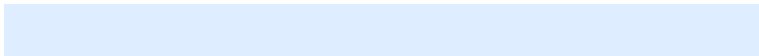
85.3047, 0.2770, 0.3360

Triad

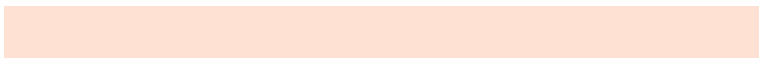
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.3047, 0.2978, 0.3584



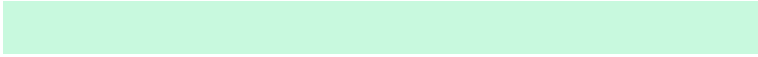
85.3047, 0.2791, 0.2870



85.3047, 0.3620, 0.3423

Complementary

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



85.3047, 0.2978, 0.3584



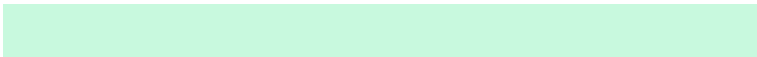
67.0022, 0.3310, 0.3013

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.



85.3047, 0.3493, 0.3209



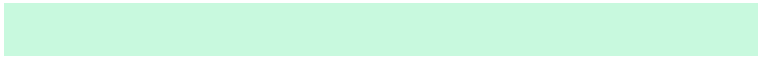
85.3047, 0.2978, 0.3584



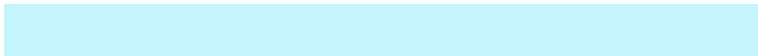
85.3047, 0.3008, 0.2899

Square

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



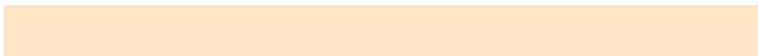
85.3047, 0.2978, 0.3584



85.3047, 0.2666, 0.2949



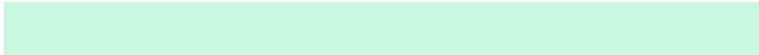
85.3047, 0.3265, 0.3021



85.3047, 0.3608, 0.3614

Rectangle

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



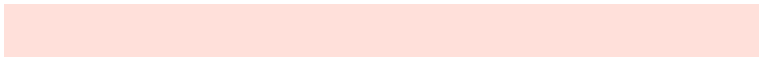
85.3047, 0.2978, 0.3584



85.3047, 0.2683, 0.3199



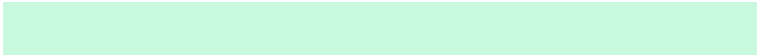
85.3047, 0.3265, 0.3021



85.3047, 0.3592, 0.3351

Sweetspot

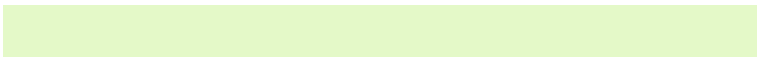
The Sweet Spot groups the original color and five complimentary colors.



85.3083, 0.2978, 0.3584



96.6813, 0.3081, 0.3373



88.3815, 0.3281, 0.3805



20.6197, 0.3076, 0.3382



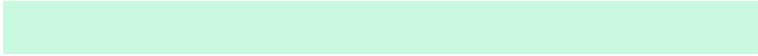
0.0000, 0.0000, 0.0000



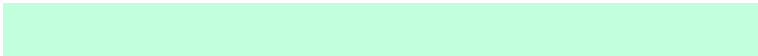
21.4041, 0.3127, 0.3290

Same Dimension

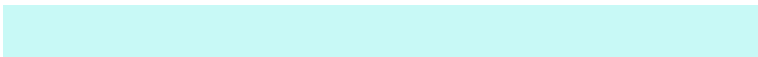
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.3083, 0.2978, 0.3584



88.1970, 0.2947, 0.3658



86.6725, 0.2849, 0.3324



19.4387, 0.3054, 0.3424



36.9167, 0.2772, 0.5179



3.4401, 0.2708, 0.4948

Inverse Universe

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



67.0022, 0.3310, 0.3013



65.3307, 0.3360, 0.2949



65.7799, 0.3492, 0.3257



17.3854, 0.3207, 0.3160



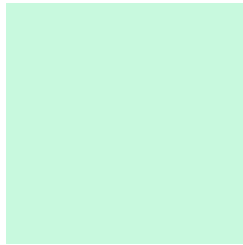
11.7808, 0.4745, 0.2388



1.1125, 0.4510, 0.2258

Previews

White Background



This preview shows how the Yxy color 85.3047, 0.2978, 0.3584 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 85.3047, 0.2978, 0.3584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

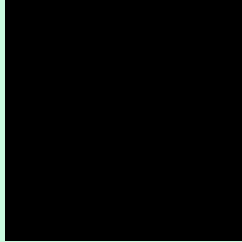
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

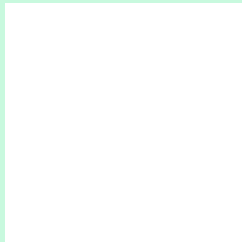
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.3047, 0.2978, 0.3584

Background



This preview shows how black text looks on a background with the Yxy color 85.3047, 0.2978, 0.3584.

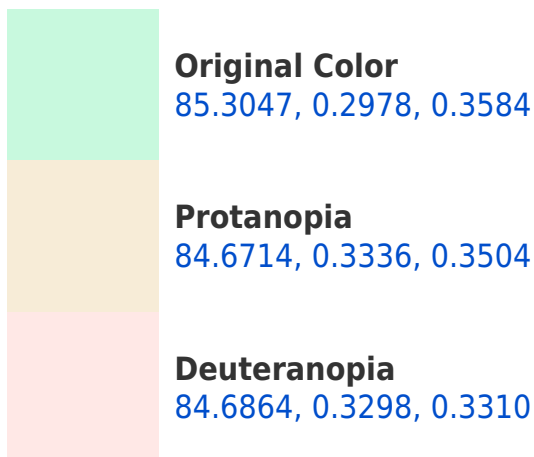


This preview shows how white text looks on a background with the Yxy color 85.3047, 0.2978, 0.3584.

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

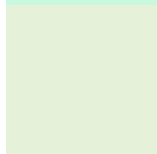
84.8823, 0.2895, 0.3145

Trichromacy



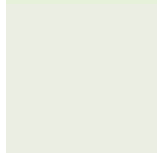
Original Color

85.3047, 0.2978, 0.3584



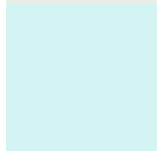
Protanomaly

84.7955, 0.3195, 0.3530



Deuteranomaly

84.3573, 0.3175, 0.3403



Tritanomaly

85.0213, 0.2926, 0.3300

Monochromacy



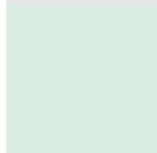
Original Color

85.3047, 0.2978, 0.3584



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

81.9662, 0.3070, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.3047, 0.2978, 0.3584 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(200, 249, 222)` looks like.

```
.text, #text, p{  
    color:rgb(200, 249, 222)  
}
```

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(200, 249, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 249, 222) }
```

Border

The CSS property to change the border of an element to Yxy 85.3047, 0.2978, 0.3584 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(200, 249, 222) }
```

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

```
.border{ border-color:rgb(200, 249, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 249, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 249, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 249, 222);  
box-shadow:4px 4px 4px 4px rgb(200, 249,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 85.3047, 0.2978, 0.3584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 249, 222) }
```

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

```
.background{ background-color: rgb(200,  
249, 222) }
```

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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