

Converting Colors

$Yxy(86.3392, 0.3034, 0.3545)$

Have a look what the booklet for
Yxy(86.3392, 0.3034, 0.3545)
contains.

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Color

Yxy(86.3655, 0.3034, 0.3546)

Conversions

Conversions Part 1

Format	Color
Hex	D3F8E0
RGB	211, 248, 224
RGB Percent	83%, 97%, 88%
CMY	0.1724, 0.0275, 0.1216
CMYK	0.15, 0.00, 0.10, 0.03
HSL	141°, 73%, 90%
HSV	141°, 15%, 97%
XYZ	73.8954, 86.3655, 83.2967
YIQ	234.2010, -14.3480, -15.3080

Conversions

Conversions Part 2

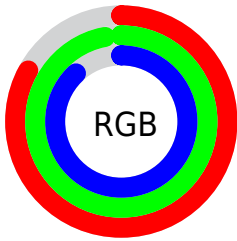
Format	Color
R_{YB}	211, 238, 248
Decimal	13891808
CIE _{Lab}	94.47, -16.40, 7.55
CIE _{LCh}	94, 18.052, 155.289
Yxy	86.3655, 0.3034, 0.3546
Android (android.graphics.Color)	4292081888 (0xFFD3F8E0)
YUV	234.2010, -5.0291, -20.3473
Hunter-Lab	92.9330, -20.6992, 11.9110

Details

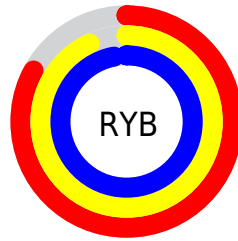
The Yxy color **86.3655, 0.3034, 0.3546** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.5673, 0.3234, 0.3047**, and the grayscale version is **82.4944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.6318, 0.3009, 0.3609** is the 20% darker color. If you saturate the color by 10%, you get **82.1506, 0.2974, 0.3744**, and if you desaturate by 10%, it is **91.2355, 0.3096, 0.3369**.

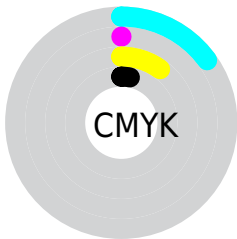
Distribution



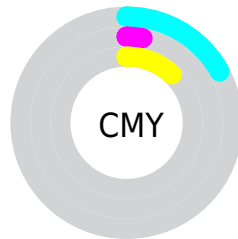
- Red (83%)
- Green (97%)
- Blue (88%)



- Red (83%)
- Yellow (93%)
- Blue (97%)



- Cyan (15%)
- Magenta (0%)
- Yellow (10%)
- Black (3%)





- Cyan (17%)
- Magenta (3%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.3655, 0.3034, 0.3546 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 86.3655, 0.3034, 0.3546 by changing the saturation by 10% instead.


 86.3655, 0.3034,
0.3546

 86.3655, 0.3034,
0.3546


516.1356, 0.3077,
0.3429

 64.9703, 0.3024,
0.3572


142.2794, 0.3049,
0.3506

 47.4370, 0.3012,
0.3605


177.5669, 0.3055,
0.3490

 33.3812, 0.2997,
0.3646


218.2539, 0.3060,
0.3476

 22.4186, 0.2977,
0.3700

264.7248, 0.3064,
0.3464

 14.1648, 0.2950,
0.3772

317.3641, 0.3068,
0.3454

 8.2354, 0.2911,
0.3875

376.5560, 0.3071,

 4.2459, 0.2851,

0.3445

0.4034

442.6851, 0.3074,
0.3436

■ 1.8121, 0.2745,
0.4309

■ 0.4947, 0.1214,
0.8595

■ 86.3655, 0.3034,
0.3546

■ 86.3655, 0.3034,
0.3546

■ 82.1506, 0.2974,
0.3744

■ 91.2355, 0.3096,
0.3369

■ 78.5518, 0.2918,
0.3962

■ 95.6115, 0.3130,
0.3223

■ 75.5426, 0.2869,
0.4198

■ 73.0900, 0.2832,
0.4447

■ 71.1580, 0.2808,
0.4702

■ 69.7060, 0.2802,
0.4954

■ 68.6870, 0.2813,
0.5191

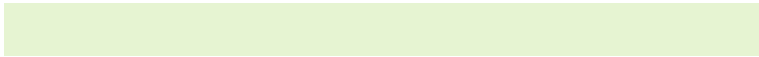
■ 68.0439, 0.2842,
0.5402

■ 67.8190, 0.2861,
0.5498

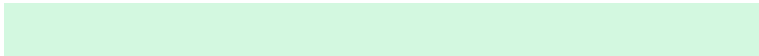
Harmonies

Analogous

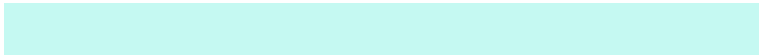
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3655, 0.3241, 0.3644



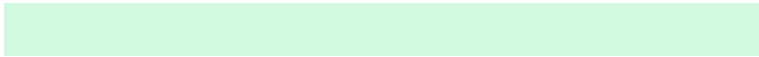
86.3655, 0.3034, 0.3546



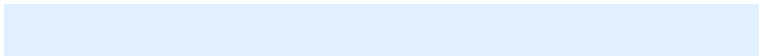
86.3655, 0.2857, 0.3373

Triad

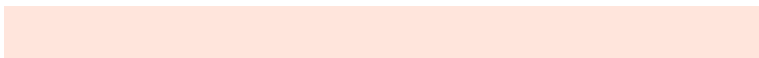
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3655, 0.3034, 0.3546



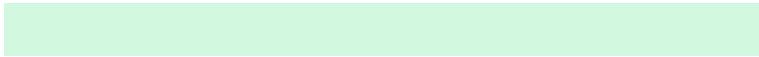
86.3655, 0.2835, 0.2952



86.3655, 0.3517, 0.3377

Complementary

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



86.3655, 0.3034, 0.3546



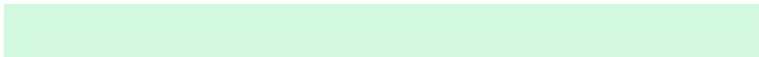
72.5673, 0.3234, 0.3047

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.



86.3655, 0.3402, 0.3202



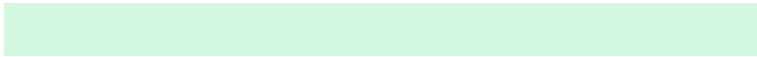
86.3655, 0.3034, 0.3546



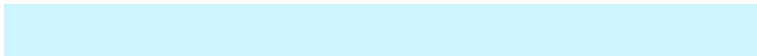
86.3655, 0.3005, 0.2962

Square

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



86.3655, 0.3034, 0.3546



86.3655, 0.2745, 0.3029



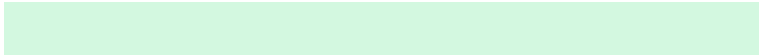
86.3655, 0.3212, 0.3053



86.3655, 0.3524, 0.3537

Rectangle

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



86.3655, 0.3034, 0.3546



86.3655, 0.2777, 0.3244



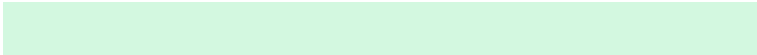
86.3655, 0.3212, 0.3053



86.3655, 0.3490, 0.3318

Sweetspot

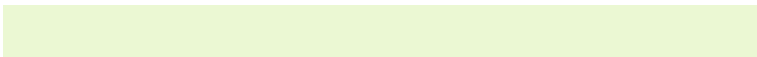
The Sweet Spot groups the original color and five complimentary colors.



86.3691, 0.3034, 0.3546



97.6972, 0.3102, 0.3354



89.5098, 0.3265, 0.3671



20.8213, 0.3097, 0.3367



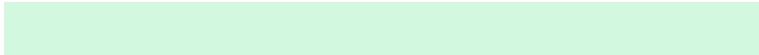
0.0000, 0.0000, 0.0000



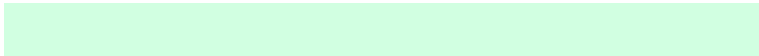
21.4041, 0.3127, 0.3290

Same Dimension

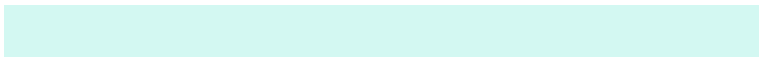
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3691, 0.3034, 0.3546



90.5368, 0.3015, 0.3606



87.4252, 0.2931, 0.3348



19.4098, 0.3068, 0.3448



36.6616, 0.2853, 0.5469



3.4147, 0.2786, 0.5230

Inverse Universe

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



72.5673, 0.3234, 0.3047



73.1364, 0.3260, 0.2994



71.5552, 0.3366, 0.3234



17.4151, 0.3192, 0.3137



12.1989, 0.4344, 0.2166



1.1499, 0.4172, 0.2072

Previews

White Background



This preview shows how the Yxy color 86.3655, 0.3034, 0.3546 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 86.3655, 0.3034, 0.3546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

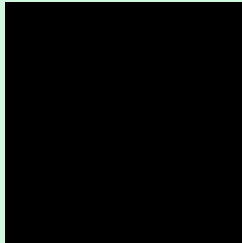
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

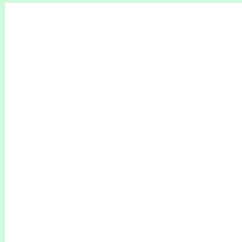
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.3655, 0.3034, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 86.3655, 0.3034, 0.3546.

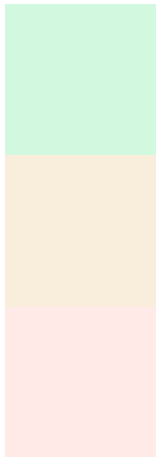


This preview shows how white text looks on a background with the Yxy color 86.3655, 0.3034, 0.3546.

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

86.3655, 0.3034, 0.3546

Protanopia

86.2200, 0.3314, 0.3482

Deuteranopia

85.9318, 0.3283, 0.3310



Tritanopia

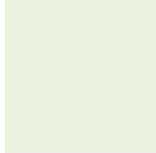
85.9779, 0.2937, 0.3147

Trichromacy



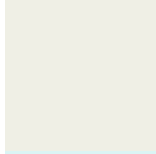
Original Color

86.3655, 0.3034, 0.3546



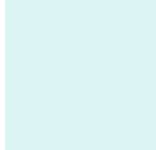
Protanomaly

86.3869, 0.3209, 0.3506



Deuteranomaly

85.7409, 0.3189, 0.3392



Tritanomaly

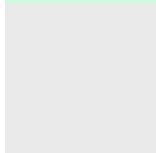
86.2931, 0.2969, 0.3290

Monochromacy



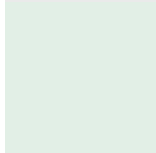
Original Color

86.3655, 0.3034, 0.3546



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

83.6149, 0.3096, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3655, 0.3034, 0.3546 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(211, 248, 224)` looks like.

```
.text, #text, p{  
    color:rgb(211, 248, 224)  
}
```

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(211, 248, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 248, 224) }
```

Border

The CSS property to change the border of an element to Yxy 86.3655, 0.3034, 0.3546 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(211, 248, 224) }
```

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

```
.border{ border-color:rgb(211, 248, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 248, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 248, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 248, 224);  
box-shadow:4px 4px 4px 4px rgb(211, 248,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3655, 0.3034, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 248, 224) }
```

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

```
.background{ background-color: rgb(211,  
248, 224) }
```

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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