

Converting Colors

Yxy(85.0443, 0.3048, 0.3453)

Have a look what the booklet for
Yxy(85.0443, 0.3048, 0.3453)
contains.

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Color

Yxy(85.0545, 0.3049, 0.3459)

Conversions

Conversions Part 1

Format	Color
Hex	D9F4E4
RGB	217, 244, 228
RGB Percent	85%, 96%, 89%
CMY	0.1490, 0.0431, 0.1059
CMYK	0.11, 0.00, 0.07, 0.04
HSL	144°, 55%, 90%
HSV	144°, 11%, 96%
XYZ	74.9729, 85.0545, 85.8659
YIQ	234.1030, -10.9560, -10.7000

Conversions

Conversions Part 2

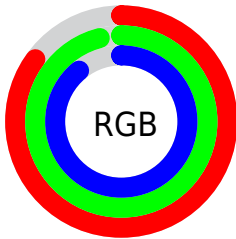
Format	Color
R _Y B	217, 236, 244
Decimal	14284004
CIE Lab	93.91, -11.75, 4.72
CIE LCh	94, 12.664, 158.136
Yxy	85.0545, 0.3049, 0.3459
Android (android.graphics.Color)	4292474084 (0xFFD9F4E4)
YUV	234.1030, -3.0088, -14.9993
Hunter-Lab	92.2250, -16.2850, 9.3556

Details

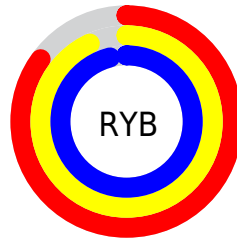
The Yxy color **85.0545, 0.3049, 0.3459** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.7512, 0.3214, 0.3127**, and the grayscale version is **82.3949, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.6650, 0.3028, 0.3495** is the 20% darker color. If you saturate the color by 10%, you get **80.8208, 0.2980, 0.3631**, and if you desaturate by 10%, it is **89.9154, 0.3120, 0.3305**.

Distribution



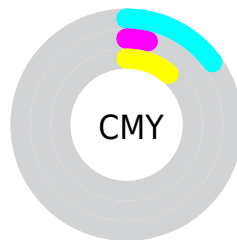
- Red (85%)
- Green (96%)
- Blue (89%)



- Red (85%)
- Yellow (93%)
- Blue (96%)



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)





- Cyan (15%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.0545, 0.3049, 0.3459 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 85.0545, 0.3049, 0.3459 by changing the saturation by 10% instead.


 85.0545, 0.3049,
0.3459

 85.0545, 0.3049,
0.3459

511.8084, 0.3085,
0.3382

 63.8864, 0.3041,
0.3476

140.4493, 0.3061,
0.3432

 46.5587, 0.3031,
0.3498

175.4448, 0.3066,
0.3422

 32.6869, 0.3019,
0.3525


215.8183, 0.3070,
0.3413

 21.8867, 0.3002,
0.3559

261.9541, 0.3074,
0.3405

 13.7737, 0.2981,
0.3606

314.2366, 0.3077,
0.3398

 7.9634, 0.2950,
0.3673

373.0502, 0.3080,

 4.0716, 0.2902,

0.3392

0.3776

438.7793, 0.3082,
0.3387

■ 1.7137, 0.2820,
0.3953

■ 0.4325, 0.1779,
0.6198

■ 85.0545, 0.3049,
0.3459

■ 85.0545, 0.3049,
0.3459

■ 80.8208, 0.2980,
0.3631

■ 89.9154, 0.3120,
0.3305

■ 77.1778, 0.2915,
0.3822

■ 93.1823, 0.3132,
0.3185

■ 74.1013, 0.2857,
0.4030

■ 71.5614, 0.2810,
0.4253

■ 69.5255, 0.2777,
0.4485

■ 67.9569, 0.2760,
0.4719

■ 66.8139, 0.2762,
0.4948

■ 66.0470, 0.2784,
0.5162

■ 65.6099, 0.2816,
0.5336

Harmonies

Analogous

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



85.0545, 0.3195, 0.3533



85.0545, 0.3049, 0.3459



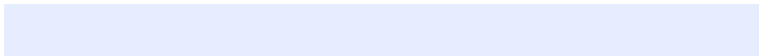
85.0545, 0.2926, 0.3337

Triad

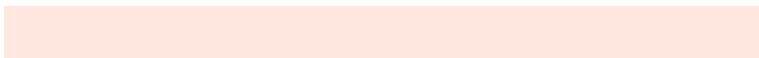
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.0545, 0.3049, 0.3459



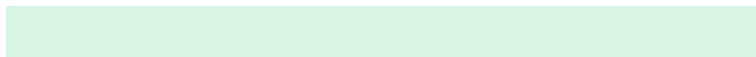
85.0545, 0.2930, 0.3048



85.0545, 0.3405, 0.3366

Complementary

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



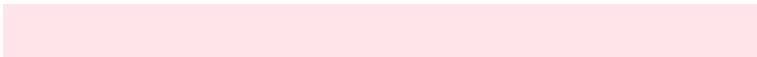
85.0545, 0.3049, 0.3459



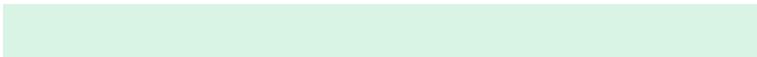
74.7512, 0.3214, 0.3127

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.



85.0545, 0.3331, 0.3240



85.0545, 0.3049, 0.3459



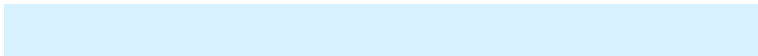
85.0545, 0.3055, 0.3060

Square

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



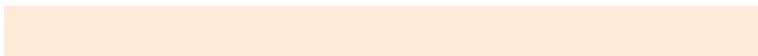
85.0545, 0.3049, 0.3459



85.0545, 0.2859, 0.3099



85.0545, 0.3202, 0.3130



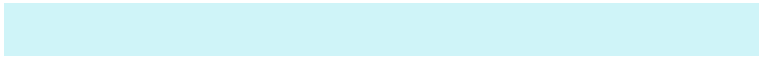
85.0545, 0.3403, 0.3475

Rectangle

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



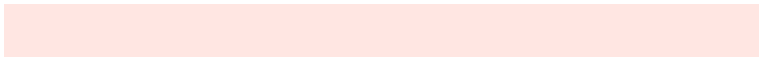
85.0545, 0.3049, 0.3459



85.0545, 0.2873, 0.3247



85.0545, 0.3202, 0.3130



85.0545, 0.3388, 0.3324

Sweetspot

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



85.0581, 0.3049, 0.3459



98.2892, 0.3106, 0.3334



87.0714, 0.3220, 0.3569



20.9424, 0.3100, 0.3346



0.0000, 0.0000, 0.0000



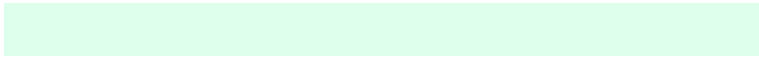
21.4041, 0.3127, 0.3290

Same Dimension

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



85.0581, 0.3049, 0.3459



93.0442, 0.3035, 0.3492



85.8255, 0.2972, 0.3318



18.5839, 0.3060, 0.3434



35.7000, 0.2807, 0.5306



3.1575, 0.2738, 0.5057

Inverse Universe

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



74.7512, 0.3214, 0.3127



79.8038, 0.3231, 0.3097



74.0194, 0.3306, 0.3263



16.6474, 0.3201, 0.3151



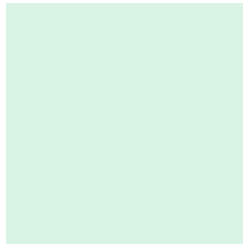
11.5914, 0.4571, 0.2292



1.0391, 0.4353, 0.2172

Previews

White Background



This preview shows how the Yxy color 85.0545, 0.3049, 0.3459 looks on a white background.

Color Contrast Check

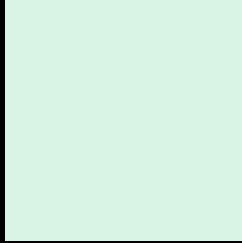
Large Text (above 18pt) WCAG AA × Fail

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 85.0545, 0.3049, 0.3459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

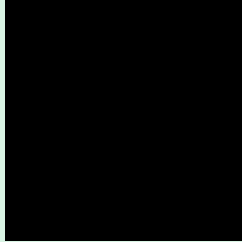
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

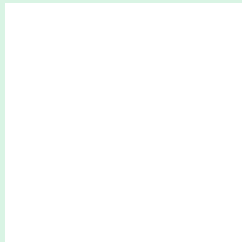
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.0545, 0.3049, 0.3459

Background



This preview shows how black text looks on a background with the Yxy color 85.0545, 0.3049, 0.3459.

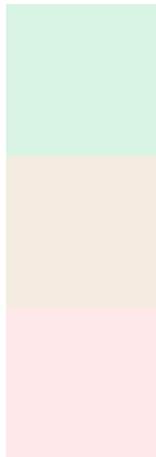


This preview shows how white text looks on a background with the Yxy color 85.0545, 0.3049, 0.3459.

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

85.0545, 0.3049, 0.3459

Protanopia

84.6058, 0.3257, 0.3412

Deuteranopia

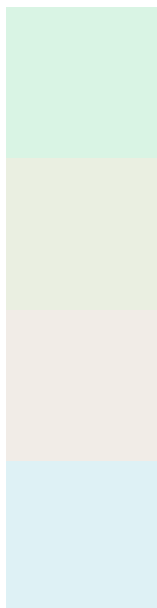
84.8564, 0.3279, 0.3281



Tritanopia

84.9606, 0.2943, 0.3127

Trichromacy



Original Color

85.0545, 0.3049, 0.3459

Protanomaly

84.6617, 0.3180, 0.3435

Deuteranomaly

84.4612, 0.3192, 0.3341

Tritanomaly

85.0328, 0.2982, 0.3248

Monochromacy



Original Color

85.0545, 0.3049, 0.3459

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

83.4692, 0.3098, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.0545, 0.3049, 0.3459 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(217, 244, 228)` looks like.

```
.text, #text, p{  
    color:rgb(217, 244, 228)  
}
```

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(217, 244, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 244, 228) }
```

Border

The CSS property to change the border of an element to Yxy 85.0545, 0.3049, 0.3459 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(217, 244, 228) }
```

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

```
.border{ border-color:rgb(217, 244, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 244, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 244, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 244, 228);  
box-shadow:4px 4px 4px 4px rgb(217, 244,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 85.0545, 0.3049, 0.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 244, 228) }
```

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

```
.background{ background-color: rgb(217,  
244, 228) }
```

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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