

Converting Colors

Yxy(85.1196, 0.3081, 0.3590)

Have a look what the booklet for
Yxy(85.1196, 0.3081, 0.3590)
contains.

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Color

Yxy(85.1196, 0.3081, 0.3590)

Conversions

Conversions Part 1

Format	Color
Hex	D5F6DA
RGB	213, 246, 218
RGB Percent	84%, 96%, 85%
CMY	0.1648, 0.0353, 0.1450
CMYK	0.13, 0.00, 0.11, 0.04
HSL	129°, 65%, 90%
HSV	129°, 13%, 96%
XYZ	73.0511, 85.1196, 78.9312
YIQ	232.9410, -10.6800, -15.7040

Conversions

Conversions Part 2

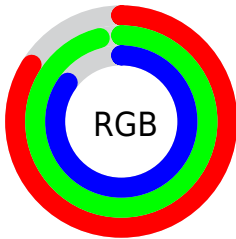
Format	Color
R _Y B	213, 242, 246
Decimal	14022362
CIE Lab	93.93, -15.86, 9.88
CIE LCh	94, 18.681, 148.074
Yxy	85.1196, 0.3081, 0.3590
Android (android.graphics.Color)	4292212442 (0xFFD5F6DA)
YUV	232.9410, -7.3659, -17.4883
Hunter-Lab	92.2603, -20.1203, 13.8580

Details

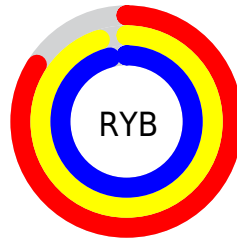
The Yxy color **85.1196, 0.3081, 0.3590** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.5235, 0.3177, 0.3007**, and the grayscale version is **81.5031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.7404, 0.3069, 0.3667** is the 20% darker color. If you saturate the color by 10%, you get **80.6960, 0.3046, 0.3847**, and if you desaturate by 10%, it is **90.2456, 0.3116, 0.3362**.

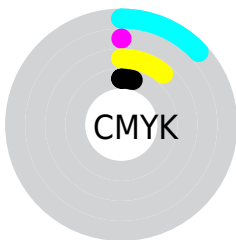
Distribution



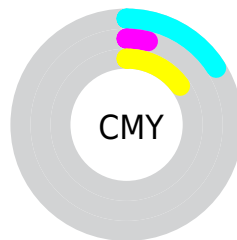
- Red (84%)
- Green (96%)
- Blue (85%)



- Red (84%)
- Yellow (95%)
- Blue (96%)



- Cyan (13%)
- Magenta (0%)
- Yellow (11%)
- Black (4%)





- Cyan (16%)
- Magenta (4%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.1196, 0.3081, 0.3590 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 85.1196, 0.3081, 0.3590 by changing the saturation by 10% instead.

 85.1196, 0.3081,
0.3590

 85.1196, 0.3081,
0.3590


512.0237, 0.3103,
0.3452

 63.9402, 0.3076,
0.3621


140.5403, 0.3089,
0.3542

 46.6022, 0.3069,
0.3660


175.5503, 0.3092,
0.3524

 32.7213, 0.3061,
0.3709


215.9394, 0.3094,
0.3508

 21.9131, 0.3049,
0.3772

262.0919, 0.3097,
0.3494

 13.7930, 0.3033,
0.3859

314.3921, 0.3099,
0.3481

 7.9769, 0.3009,
0.3983

373.2246, 0.3100,

 4.0801, 0.2969,

0.3470

438.9737, 0.3102,
0.3461

0.4175

1.7185, 0.2893,
0.4511

0.4356, 0.0583,
0.9417

85.1196, 0.3081,
0.3590

85.1196, 0.3081,
0.3590

80.6960, 0.3046,
0.3847

90.2456, 0.3116,
0.3362

76.9338, 0.3013,
0.4132

94.3955, 0.3131,
0.3204

73.8042, 0.2983,
0.4439

71.2723, 0.2958,
0.4757

■ 69.2995, 0.2942,
0.5072

■ 67.8427, 0.2936,
0.5364

■ 66.8524, 0.2942,
0.5613

■ 66.2691, 0.2957,
0.5801

■ 66.0530, 0.2969,
0.5890

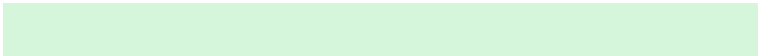
Harmonies

Analogous

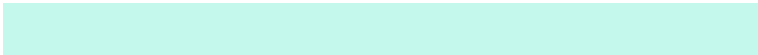
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.1196, 0.3295, 0.3667



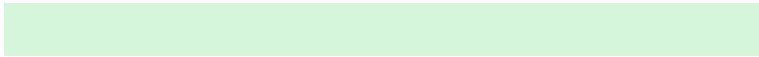
85.1196, 0.3081, 0.3590



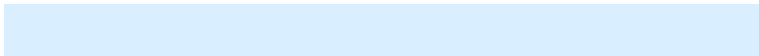
85.1196, 0.2885, 0.3424

Triad

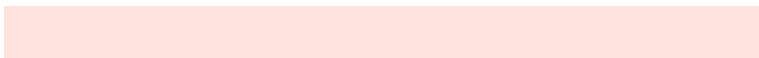
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.1196, 0.3081, 0.3590



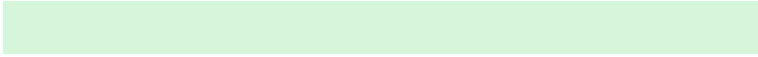
85.1196, 0.2793, 0.2950



85.1196, 0.3514, 0.3336

Complementary

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



85.1196, 0.3081, 0.3590



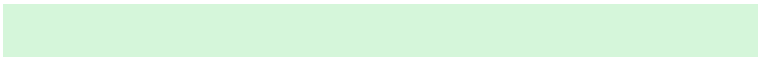
73.5235, 0.3177, 0.3007

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.



85.1196, 0.3370, 0.3158



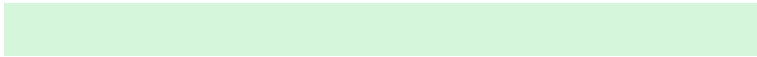
85.1196, 0.3081, 0.3590



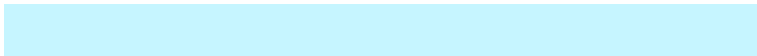
85.1196, 0.2952, 0.2939

Square

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



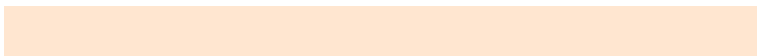
85.1196, 0.3081, 0.3590



85.1196, 0.2722, 0.3051



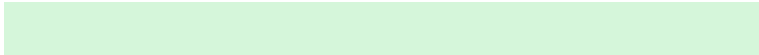
85.1196, 0.3163, 0.3015



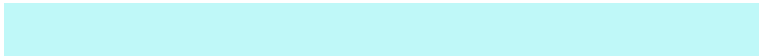
85.1196, 0.3549, 0.3510

Rectangle

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



85.1196, 0.3081, 0.3590



85.1196, 0.2789, 0.3290



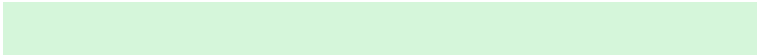
85.1196, 0.3163, 0.3015



85.1196, 0.3476, 0.3275

Sweetspot

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



85.1232, 0.3081, 0.3590



97.5724, 0.3114, 0.3374



89.4291, 0.3295, 0.3626



20.7898, 0.3111, 0.3391



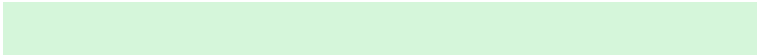
0.0000, 0.0000, 0.0000



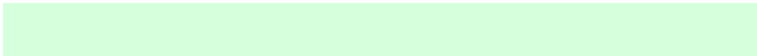
21.4041, 0.3127, 0.3290

Same Dimension

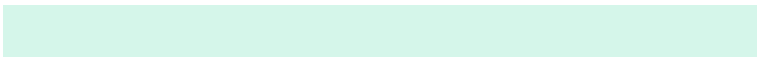
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.1232, 0.3081, 0.3590



91.0368, 0.3072, 0.3654



86.0258, 0.2987, 0.3412



18.5133, 0.3095, 0.3497



35.2671, 0.2964, 0.5871



3.1117, 0.2910, 0.5677

Inverse Universe

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



73.5235, 0.3177, 0.3007



76.2791, 0.3188, 0.2951



72.5865, 0.3291, 0.3172



16.7222, 0.3161, 0.3092



12.9158, 0.3638, 0.1778



1.1467, 0.3575, 0.1743

Previews

White Background



This preview shows how the Yxy color 85.1196, 0.3081, 0.3590 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 85.1196, 0.3081, 0.3590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

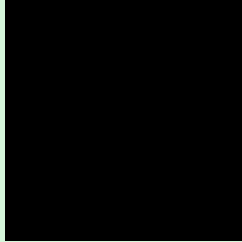
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

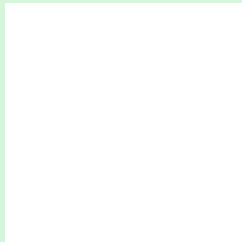
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.1196, 0.3081, 0.3590

Background



This preview shows how black text looks on a background with the Yxy color 85.1196, 0.3081, 0.3590.

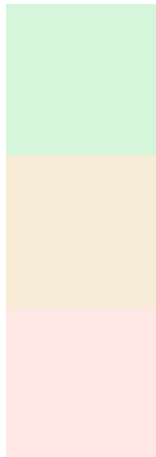


This preview shows how white text looks on a background with the Yxy color 85.1196, 0.3081, 0.3590.

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

85.1196, 0.3081, 0.3590

Protanopia

84.5692, 0.3349, 0.3524

Deuteranopia

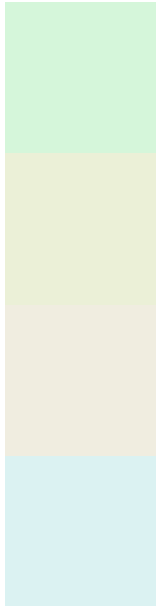
84.5747, 0.3311, 0.3330



Tritanopia

85.2282, 0.2931, 0.3136

Trichromacy



Original Color

85.1196, 0.3081, 0.3590

Protanomaly

84.8886, 0.3248, 0.3550

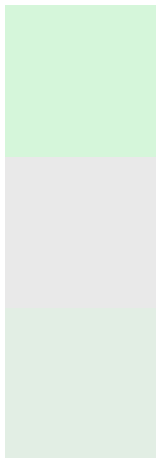
Deuteranomaly

84.4755, 0.3229, 0.3423

Tritanomaly

84.9751, 0.2981, 0.3290

Monochromacy



Original Color

85.1196, 0.3081, 0.3590

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

82.9193, 0.3109, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.1196, 0.3081, 0.3590 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(213, 246, 218)` looks like.

```
.text, #text, p{  
    color:rgb(213, 246, 218)  
}
```

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(213, 246, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 246, 218) }
```

Border

The CSS property to change the border of an element to Yxy 85.1196, 0.3081, 0.3590 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(213, 246, 218) }
```

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

```
.border{ border-color:rgb(213, 246, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 246, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 246, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 246, 218);  
box-shadow:4px 4px 4px 4px rgb(213, 246,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 85.1196, 0.3081, 0.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 246, 218) }
```

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

```
.background{ background-color: rgb(213,  
246, 218) }
```

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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