

Converting Colors

Yxy(86.1060, 0.3158, 0.3647)

Have a look what the booklet for
Yxy(86.1060, 0.3158, 0.3647)
contains.

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Color

Yxy(85.9313, 0.3156, 0.3641)

Conversions

Conversions Part 1

Format	Color
Hex	DCF6D5
RGB	220, 246, 213
RGB Percent	86%, 96%, 84%
CMY	0.1371, 0.0353, 0.1648
CMYK	0.11, 0.00, 0.13, 0.04
HSL	107°, 65%, 90%
HSV	107°, 13%, 96%
XYZ	74.4848, 85.9313, 75.5941
YIQ	234.4640, -4.9030, -15.7750

Conversions

Conversions Part 2

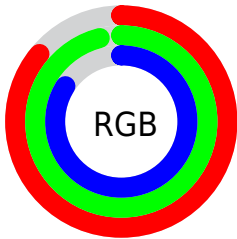
Format	Color
R _Y B	213, 246, 239
Decimal	14481109
CIE Lab	94.28, -14.38, 13.05
CIE LCh	94, 19.418, 137.780
Yxy	85.9313, 0.3156, 0.3641
Android (android.graphics.Color)	4292671189 (0xFFDC6D5)
YUV	234.4640, -10.5818, -12.6849
Hunter-Lab	92.6991, -18.7967, 16.5397

Details

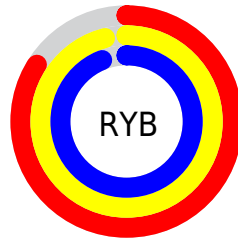
The Yxy color **85.9313, 0.3156, 0.3641** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.5718, 0.3092, 0.2953**, and the grayscale version is **82.7383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.2949, 0.3164, 0.3731** is the 20% darker color. If you saturate the color by 10%, you get **81.9326, 0.3175, 0.3937**, and if you desaturate by 10%, it is **90.4762, 0.3135, 0.3374**.

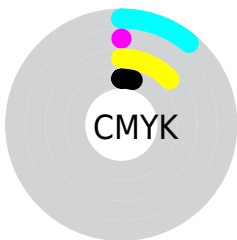
Distribution



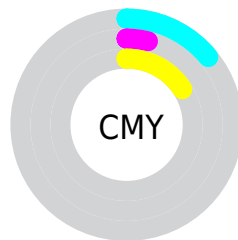
- Red (86%)
- Green (96%)
- Blue (84%)



- Red (84%)
- Yellow (96%)
- Blue (94%)



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





- Cyan (14%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.9313, 0.3156, 0.3641 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 85.9313, 0.3156, 0.3641 by changing the saturation by 10% instead.


 85.9313, 0.3156,
0.3641

 85.9313, 0.3156,
0.3641


514.7047, 0.3145,
0.3480

 64.6112, 0.3158,
0.3678


141.6736, 0.3153,
0.3585

 47.1459, 0.3160,
0.3723


176.8646, 0.3151,
0.3564

 33.1510, 0.3163,
0.3779


217.4480, 0.3150,
0.3545

 22.2421, 0.3165,
0.3853

263.8081, 0.3149,
0.3528

 14.0349, 0.3168,
0.3954

316.3295, 0.3148,
0.3514

 8.1450, 0.3169,
0.4097

375.3964, 0.3147,

 4.1878, 0.3166,

0.3501

0.4317

441.3934, 0.3146,
0.3490

■ 1.7792, 0.3152,
0.4707

■ 0.4742, 0.1736,
0.8264

■ 85.9313, 0.3156,
0.3641

■ 85.9313, 0.3156,
0.3641

■ 81.9326, 0.3175,
0.3937

■ 90.4762, 0.3135,
0.3374

■ 78.4487, 0.3189,
0.4257

■ 94.3919, 0.3131,
0.3204

■ 75.4616, 0.3197,
0.4593

■ 72.9480, 0.3197,
0.4932

■ 70.8827, 0.3187,
0.5251

■ 69.2382, 0.3165,
0.5530

■ 67.9834, 0.3133,
0.5747

■ 67.0826, 0.3094,
0.5889

■ 66.6564, 0.3068,
0.5946

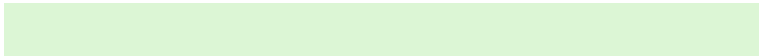
Harmonies

Analogous

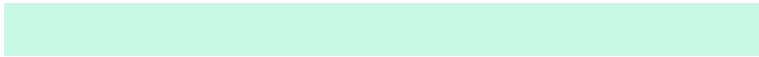
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.9313, 0.3370, 0.3681



85.9313, 0.3156, 0.3641



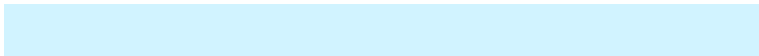
85.9313, 0.2940, 0.3495

Triad

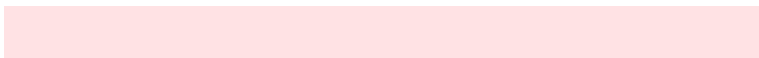
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.9313, 0.3156, 0.3641



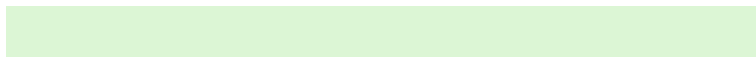
85.9313, 0.2744, 0.2963



85.9313, 0.3488, 0.3272

Complementary

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



85.9313, 0.3156, 0.3641



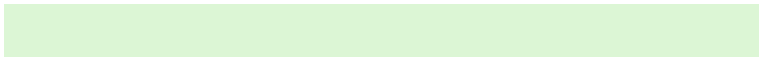
72.5718, 0.3092, 0.2953

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.



85.9313, 0.3309, 0.3096



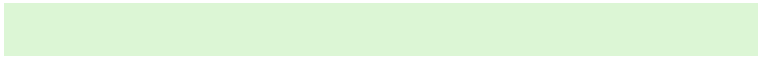
85.9313, 0.3156, 0.3641



85.9313, 0.2880, 0.2920

Square

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



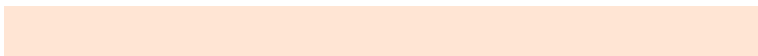
85.9313, 0.3156, 0.3641



85.9313, 0.2707, 0.3097



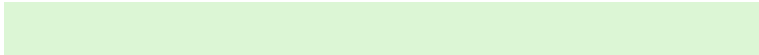
85.9313, 0.3086, 0.2969



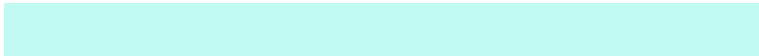
85.9313, 0.3566, 0.3459

Rectangle

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



85.9313, 0.3156, 0.3641



85.9313, 0.2823, 0.3362



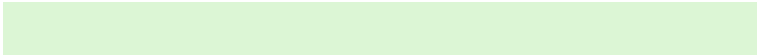
85.9313, 0.3086, 0.2969



85.9313, 0.3437, 0.3210

Sweetspot

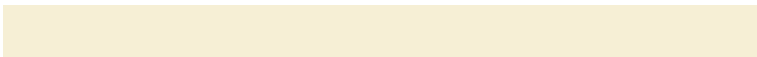
The Sweet Spot groups the original color and five complimentary colors.



85.9350, 0.3156, 0.3641



97.8706, 0.3136, 0.3389



86.0383, 0.3338, 0.3553



20.8649, 0.3138, 0.3408



0.0000, 0.0000, 0.0000



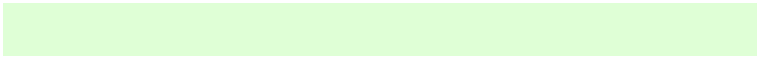
21.4041, 0.3127, 0.3290

Same Dimension

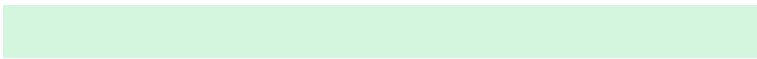
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.9350, 0.3156, 0.3641



92.0595, 0.3161, 0.3715



85.3463, 0.3056, 0.3543



18.6425, 0.3148, 0.3532



35.6273, 0.3077, 0.5939



3.1741, 0.3156, 0.5876

Inverse Universe

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



72.5718, 0.3092, 0.2953



75.0591, 0.3085, 0.2885



73.2629, 0.3207, 0.3050



16.5793, 0.3104, 0.3054



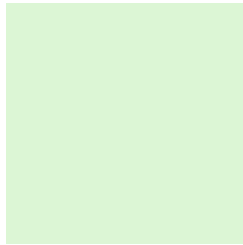
9.6987, 0.2673, 0.1246



0.8959, 0.2744, 0.1285

Previews

White Background



This preview shows how the Yxy color 85.9313, 0.3156, 0.3641 looks on a white background.

Color Contrast Check

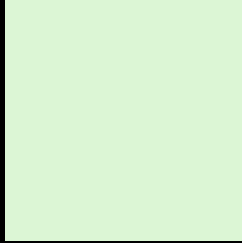
Large Text (above 18pt) WCAG AA × Fail

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 85.9313, 0.3156, 0.3641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

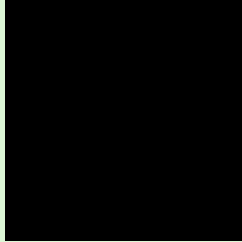
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

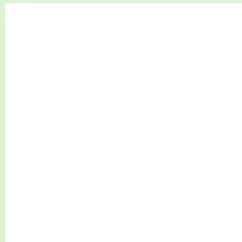
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.9313, 0.3156, 0.3641

Background



This preview shows how black text looks on a background with the Yxy color 85.9313, 0.3156, 0.3641.

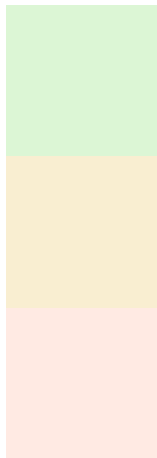


This preview shows how white text looks on a background with the Yxy color 85.9313, 0.3156, 0.3641.

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

85.9313, 0.3156, 0.3641

Protanopia

85.8923, 0.3386, 0.3584

Deuteranopia

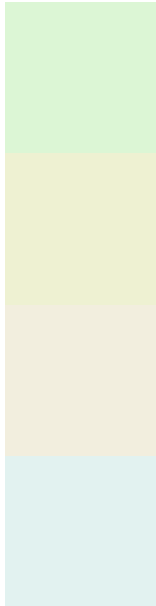
85.6517, 0.3316, 0.3360



Tritanopia

85.6110, 0.2968, 0.3128

Trichromacy



Original Color

85.9313, 0.3156, 0.3641

Protanomaly

85.7409, 0.3299, 0.3610

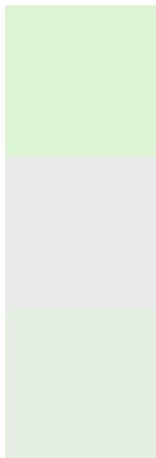
Deuteranomaly

85.3002, 0.3254, 0.3453

Tritanomaly

85.9643, 0.3036, 0.3310

Monochromacy



Original Color

85.9313, 0.3156, 0.3641

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

83.2981, 0.3141, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.9313, 0.3156, 0.3641 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(220, 246, 213)` looks like.

```
.text, #text, p{  
    color:rgb(220, 246, 213)  
}
```

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(220, 246, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 246, 213) }
```

Border

The CSS property to change the border of an element to Yxy 85.9313, 0.3156, 0.3641 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(220, 246, 213) }
```

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

```
.border{ border-color:rgb(220, 246, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 246, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 246, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 246, 213);  
box-shadow:4px 4px 4px 4px rgb(220, 246,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 85.9313, 0.3156, 0.3641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 246, 213) }
```

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

```
.background{ background-color: rgb(220,  
246, 213) }
```

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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