

Converting Colors

$Yxy(85.0925, 0.3189, 0.3640)$

Have a look what the booklet for
Yxy(85.0925, 0.3189, 0.3640)
contains.

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Color

Yxy(85.0925, 0.3189, 0.3640)

Conversions

Conversions Part 1

Format	Color
Hex	DFF4D3
RGB	223, 244, 211
RGB Percent	87%, 96%, 83%
CMY	0.1253, 0.0432, 0.1725
CMYK	0.09, 0.00, 0.14, 0.04
HSL	98°, 60%, 89%
HSV	98°, 14%, 96%
XYZ	74.5494, 85.0925, 74.1287
YIQ	233.9590, -1.9230, -14.7150

Conversions

Conversions Part 2

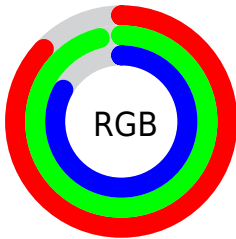
Format	Color
R _Y B	211, 244, 232
Decimal	14677203
CIE Lab	93.92, -12.70, 13.58
CIE LCh	94, 18.589, 133.072
Yxy	85.0925, 0.3189, 0.3640
Android (android.graphics.Color)	4292867283 (0xFFDFF4D3)
YUV	233.9590, -11.3188, -9.6110
Hunter-Lab	92.2456, -17.1728, 16.9264

Details

The Yxy color **85.0925, 0.3189, 0.3640** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **70.2750, 0.3057, 0.2947**, and the grayscale version is **82.3422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.6916, 0.3206, 0.3730** is the 20% darker color. If you saturate the color by 10%, you get **81.6125, 0.3232, 0.3928**, and if you desaturate by 10%, it is **88.9910, 0.3143, 0.3377**.

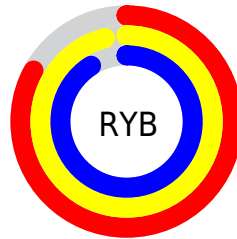
Distribution



Red (87%)

Green (96%)

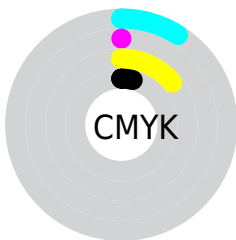
Blue (83%)



Red (83%)

Yellow (96%)

Blue (91%)

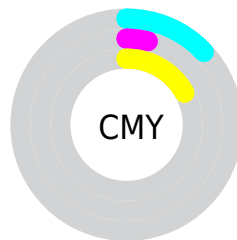


Cyan (9%)

Magenta (0%)

Yellow (14%)

Black (4%)



Cyan (13%)


Magenta (4%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.0925, 0.3189, 0.3640 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 85.0925, 0.3189, 0.3640 by changing the saturation by 10% instead.


 85.0925, 0.3189,
0.3640

 85.0925, 0.3189,
0.3640


511.9341, 0.3163,
0.3479

 63.9178, 0.3194,
0.3676


140.5024, 0.3180,
0.3584

 46.5841, 0.3201,
0.3721

175.5064, 0.3177,
0.3563

 32.7070, 0.3208,
0.3778


215.8890, 0.3174,
0.3544

 21.9021, 0.3218,
0.3852

262.0345, 0.3171,
0.3528

 13.7850, 0.3229,
0.3952

314.3274, 0.3169,
0.3513

 7.9713, 0.3242,
0.4094

373.1520, 0.3167,

 4.0766, 0.3258,

0.3501

438.8928, 0.3165,
0.3489

0.4313

1.7165, 0.3284,
0.4714

0.4343, 0.1915,
0.8085

85.0925, 0.3189,
0.3640

85.0925, 0.3189,
0.3640

81.6125, 0.3232,
0.3928

88.9910, 0.3143,
0.3377

78.5257, 0.3271,
0.4235

92.9971, 0.3126,
0.3184

75.8204, 0.3301,
0.4554

93.1783, 0.3132,
0.3185

73.4804, 0.3319,
0.4872

■ 71.4880, 0.3322,
0.5171

■ 69.8237, 0.3307,
0.5433

■ 68.4660, 0.3275,
0.5642

■ 67.3894, 0.3227,
0.5785

■ 66.8212, 0.3191,
0.5848

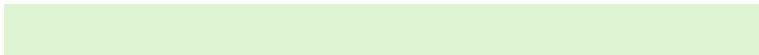
Harmonies

Analogous

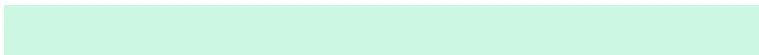
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.0925, 0.3388, 0.3662



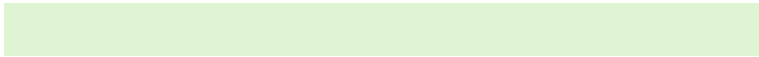
85.0925, 0.3189, 0.3640



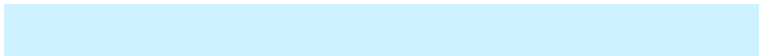
85.0925, 0.2978, 0.3514

Triad

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



85.0925, 0.3189, 0.3640



85.0925, 0.2747, 0.2991



85.0925, 0.3452, 0.3245

Complementary

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



85.0925, 0.3189, 0.3640



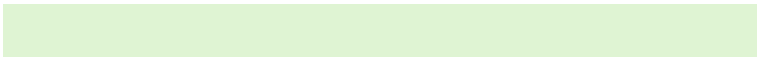
70.2750, 0.3057, 0.2947

Split Complementary

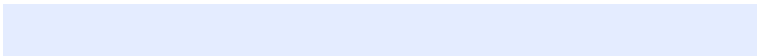
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.0925, 0.3270, 0.3080



85.0925, 0.3189, 0.3640



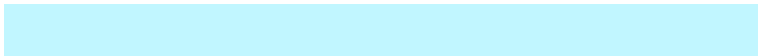
85.0925, 0.2864, 0.2935

Square

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



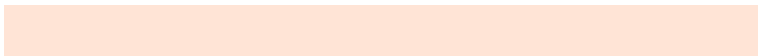
85.0925, 0.3189, 0.3640



85.0925, 0.2727, 0.3131



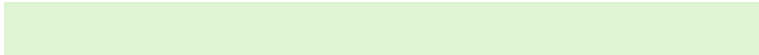
85.0925, 0.3054, 0.2968



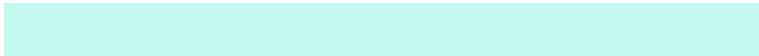
85.0925, 0.3544, 0.3426

Rectangle

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



85.0925, 0.3189, 0.3640



85.0925, 0.2859, 0.3391



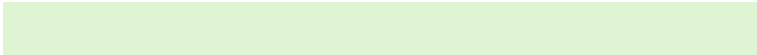
85.0925, 0.3054, 0.2968



85.0925, 0.3399, 0.3186

Sweetspot

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



85.0962, 0.3189, 0.3640



98.1520, 0.3146, 0.3389



81.5931, 0.3346, 0.3505



20.9360, 0.3149, 0.3408



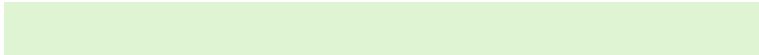
0.0000, 0.0000, 0.0000



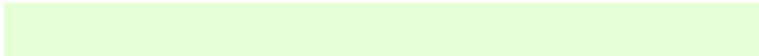
21.4041, 0.3127, 0.3290

Same Dimension

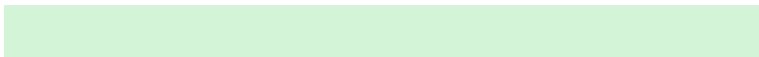
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.0962, 0.3189, 0.3640



93.0563, 0.3200, 0.3710



83.4760, 0.3084, 0.3599



18.7662, 0.3171, 0.3531



36.4059, 0.3202, 0.5839



3.2558, 0.3299, 0.5763

Inverse Universe

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



70.2750, 0.3057, 0.2947



73.9609, 0.3042, 0.2880



72.0931, 0.3173, 0.2999



16.4486, 0.3079, 0.3053



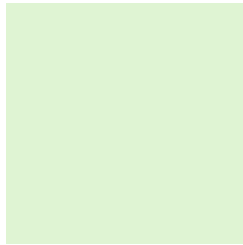
7.4217, 0.2311, 0.1047



0.7103, 0.2423, 0.1108

Previews

White Background



This preview shows how the Yxy color 85.0925, 0.3189, 0.3640 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 85.0925, 0.3189, 0.3640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

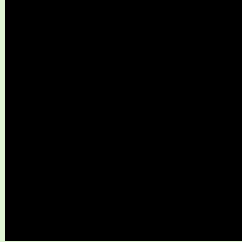
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

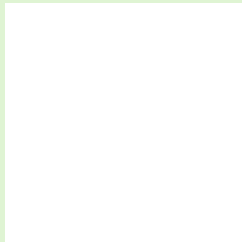
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.0925, 0.3189, 0.3640

Background



This preview shows how black text looks on a background with the Yxy color 85.0925, 0.3189, 0.3640.

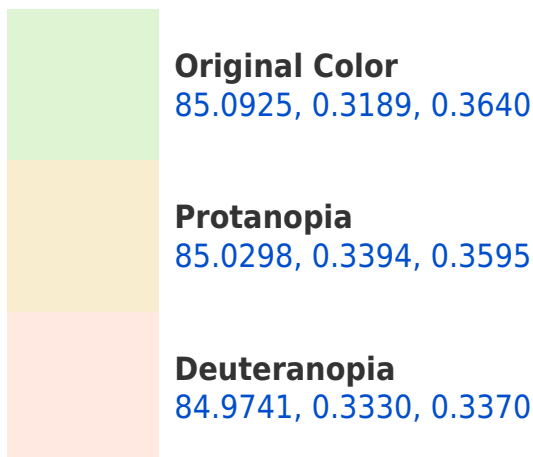


This preview shows how white text looks on a background with the Yxy color 85.0925, 0.3189, 0.3640.

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

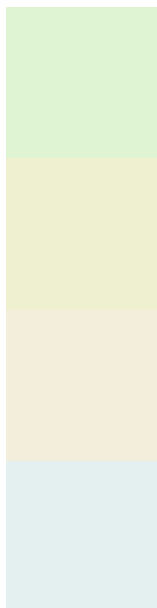




Tritanopia

85.3580, 0.2980, 0.3118

Trichromacy



Original Color

85.0925, 0.3189, 0.3640

Protanomaly

85.2250, 0.3320, 0.3621

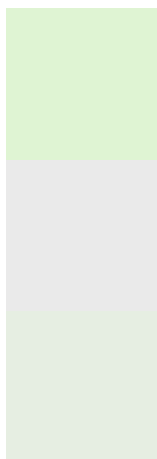
Deuteranomaly

84.7904, 0.3275, 0.3464

Tritanomaly

85.0462, 0.3055, 0.3300

Monochromacy



Original Color

85.0925, 0.3189, 0.3640

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

83.4631, 0.3148, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.0925, 0.3189, 0.3640 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(223, 244, 211)` looks like.

```
.text, #text, p{  
    color:rgb(223, 244, 211)  
}
```

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(223, 244, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 244, 211) }
```

Border

The CSS property to change the border of an element to Yxy 85.0925, 0.3189, 0.3640 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(223, 244, 211) }
```

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

```
.border{ border-color:rgb(223, 244, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 244, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 244, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 244, 211);  
box-shadow:4px 4px 4px 4px rgb(223, 244,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 85.0925, 0.3189, 0.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 244, 211) }
```

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

```
.background{ background-color: rgb(223,  
244, 211) }
```

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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