

Converting Colors

Yxy(84.9922, 0.3240, 0.3566)

Have a look what the booklet for
Yxy(84.9922, 0.3240, 0.3566)
contains.

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Color

Yxy(85.0893, 0.3240, 0.3571)

Conversions

Conversions Part 1

Format	Color
Hex	E9F1D6
RGB	233, 241, 214
RGB Percent	91%, 95%, 84%
CMY	0.0862, 0.0549, 0.1607
CMYK	0.03, 0.00, 0.11, 0.05
HSL	78°, 49%, 89%
HSV	78°, 11%, 95%
XYZ	77.2023, 85.0893, 75.9871
YIQ	235.5300, 3.8990, -10.0930

Conversions

Conversions Part 2

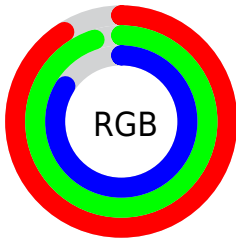
Format	Color
RYB	214, 241, 222
Decimal	15331798
CIELab	93.92, -7.28, 12.12
CIElCh	94, 14.139, 121.005
Yxy	85.0893, 0.3240, 0.3571
Android (android.graphics.Color)	4293521878 (0xFFE9F1D6)
YUV	235.5300, -10.6143, -2.2188
Hunter-Lab	92.2439, -12.0335, 15.7298

Details

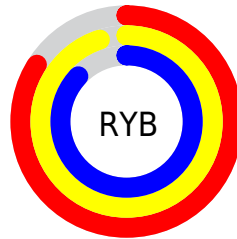
The Yxy color **85.0893, 0.3240, 0.3571** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **69.9866, 0.3006, 0.3003**, and the grayscale version is **83.5878, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.5482, 0.3264, 0.3640** is the 20% darker color. If you saturate the color by 10%, you get **82.7743, 0.3341, 0.3838**, and if you desaturate by 10%, it is **87.6424, 0.3139, 0.3319**.

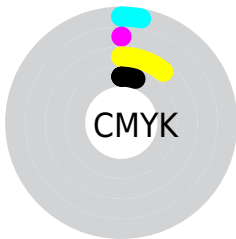
Distribution



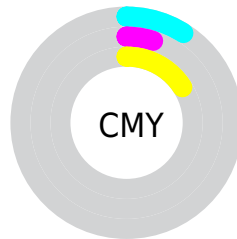
- Red (91%)
- Green (95%)
- Blue (84%)



- Red (84%)
- Yellow (95%)
- Blue (87%)



- Cyan (3%)
- Magenta (0%)
- Yellow (11%)
- Black (5%)





- Cyan (9%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.0893, 0.3240, 0.3571 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 85.0893, 0.3240, 0.3571 by changing the saturation by 10% instead.

 85.0893, 0.3240,
0.3571

 85.0893, 0.3240,
0.3571


511.9235, 0.3190,
0.3443

 63.9152, 0.3251,
0.3600

140.4979, 0.3223,
0.3527

 46.5820, 0.3264,
0.3635

175.5012, 0.3216,
0.3510

 32.7053, 0.3280,
0.3680

215.8830, 0.3211,
0.3495

 21.9008, 0.3301,
0.3738


262.0277, 0.3205,
0.3482

 13.7840, 0.3328,
0.3815

314.3197, 0.3201,
0.3470

 7.9706, 0.3364,
0.3925

373.1434, 0.3197,

 4.0761, 0.3416,

0.3460

0.4092

438.8832, 0.3193,
0.3451

■ 1.7162, 0.3498,
0.4381

■ 0.4341, 0.3510,
0.6490

■ 85.0893, 0.3240,
0.3571

■ 85.0893, 0.3240,
0.3571

■ 82.7743, 0.3341,
0.3838

■ 87.6424, 0.3139,
0.3319

■ 80.6779, 0.3439,
0.4113

■ 89.9567, 0.3084,
0.3154

■ 78.7945, 0.3530,
0.4390

■ 91.2808, 0.3130,
0.3156

■ 77.1143, 0.3607,
0.4656

■ 91.3909, 0.3133,
0.3156

■ 75.6265, 0.3666,
0.4902

■ 74.3192, 0.3703,
0.5113

■ 73.1785, 0.3715,
0.5280

■ 72.1882, 0.3701,
0.5399

■ 71.4180, 0.3671,
0.5467

Harmonies

Analogous

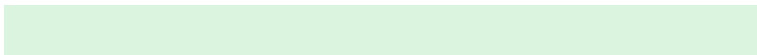
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.0893, 0.3375, 0.3556



85.0893, 0.3240, 0.3571



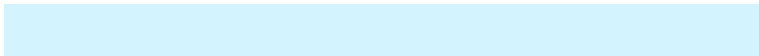
85.0893, 0.3077, 0.3505

Triad

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



85.0893, 0.3240, 0.3571



85.0893, 0.2820, 0.3100



85.0893, 0.3324, 0.3202

Complementary

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



85.0893, 0.3240, 0.3571



69.9866, 0.3006, 0.3003

Split Complementary

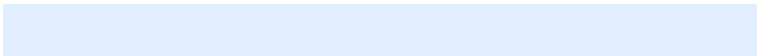
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.0893, 0.3171, 0.3088



85.0893, 0.3240, 0.3571



85.0893, 0.2882, 0.3027

Square

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



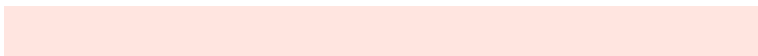
85.0893, 0.3240, 0.3571



85.0893, 0.2838, 0.3227



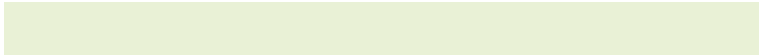
85.0893, 0.3009, 0.3025



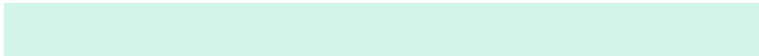
85.0893, 0.3425, 0.3341

Rectangle

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



85.0893, 0.3240, 0.3571



85.0893, 0.2976, 0.3425



85.0893, 0.3009, 0.3025



85.0893, 0.3277, 0.3160

Sweetspot

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



85.0930, 0.3240, 0.3571



99.0900, 0.3157, 0.3363



75.6225, 0.3318, 0.3370



21.1582, 0.3165, 0.3383



0.0000, 0.0000, 0.0000



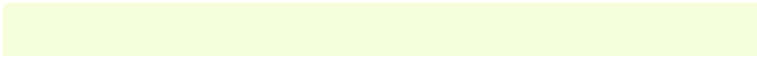
21.4041, 0.3127, 0.3290

Same Dimension

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



85.0930, 0.3240, 0.3571



96.2318, 0.3259, 0.3619



82.9621, 0.3152, 0.3579



18.2104, 0.3223, 0.3527



38.8012, 0.3680, 0.5460



3.2790, 0.3749, 0.5405

Inverse Universe

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



69.9866, 0.3006, 0.3003



76.4826, 0.2984, 0.2952



72.1441, 0.3098, 0.3011



15.4555, 0.3026, 0.3049



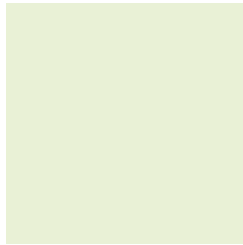
4.2381, 0.1697, 0.0709



0.4021, 0.1835, 0.0785

Previews

White Background



This preview shows how the Yxy color 85.0893, 0.3240, 0.3571 looks on a white background.

Color Contrast Check

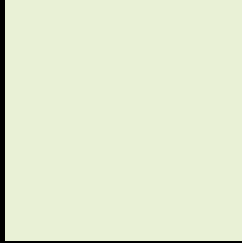
Large Text (above 18pt) WCAG AA × Fail

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 85.0893, 0.3240, 0.3571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

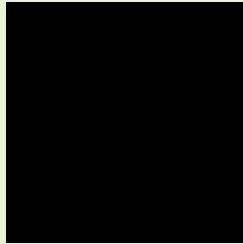
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

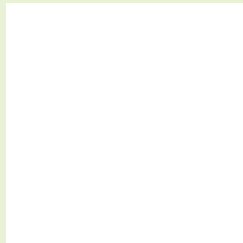
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.0893, 0.3240, 0.3571

Background



This preview shows how black text looks on a background with the Yxy color 85.0893, 0.3240, 0.3571.



This preview shows how white text looks on a background with the Yxy color 85.0893, 0.3240, 0.3571.

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

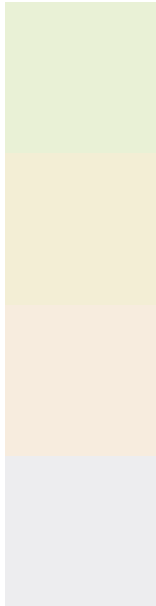




Tritanopia

84.9231, 0.3038, 0.3101

Trichromacy



Original Color

85.0893, 0.3240, 0.3571

Protanomaly

85.0079, 0.3318, 0.3546

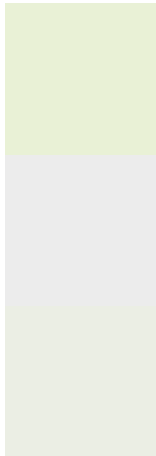
Deuteranomaly

85.0390, 0.3290, 0.3432

Tritanomaly

84.8049, 0.3115, 0.3270

Monochromacy



Original Color

85.0893, 0.3240, 0.3571

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.4127, 0.3169, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.0893, 0.3240, 0.3571 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(233, 241, 214)` looks like.

```
.text, #text, p{  
    color:rgb(233, 241, 214)  
}
```

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(233, 241, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 241, 214) }
```

Border

The CSS property to change the border of an element to Yxy 85.0893, 0.3240, 0.3571 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(233, 241, 214) }
```

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

```
.border{ border-color:rgb(233, 241, 214) }
```

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

Here you see how a box with a 4 pixel rgb(233, 241, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 241, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 241, 214);  
box-shadow:4px 4px 4px 4px rgb(233, 241,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 85.0893, 0.3240, 0.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 241, 214) }
```

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

```
.background{ background-color: rgb(233,  
241, 214) }
```

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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