

Converting Colors

$Yxy(93.6548, 0.3401, 0.3942)$

Have a look what the booklet for
Yxy(93.6548, 0.3401, 0.3942)
contains.

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Color

Yxy(93.6323, 0.3400, 0.3942)

Conversions

Conversions Part 1

Format	Color
Hex	EFFFBF
RGB	239, 255, 191
RGB Percent	94%, 100%, 75%
CMY	0.0628, 0.0000, 0.2508
CMYK	0.06, 0.00, 0.25, 0.00
HSL	75°, 100%, 87%
HSV	75°, 25%, 100%
XYZ	80.7585, 93.6323, 63.1341
YIQ	242.9200, 11.0080, -23.2960

Conversions

Conversions Part 2

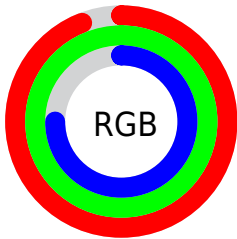
Format	Color
RYB	191, 255, 207
Decimal	15728575
CIELab	97.48, -15.58, 28.89
CIELCh	97, 32.821, 118.342
Yxy	93.6323, 0.3400, 0.3942
Android (android.graphics.Color)	4293918655 (0xFFEFFFFBF)
YUV	242.9200, -25.5966, -3.4378
Hunter-Lab	96.7638, -20.3616, 29.0505

Details

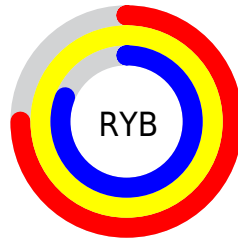
The Yxy color **93.6323, 0.3400, 0.3942** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.7795, 0.2804, 0.2595**, and the grayscale version is **89.7593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **52.2616, 0.3458, 0.4085** is the 20% darker color. If you saturate the color by 10%, you get **91.5107, 0.3504, 0.4215**, and if you desaturate by 10%, it is **95.9846, 0.3291, 0.3673**.

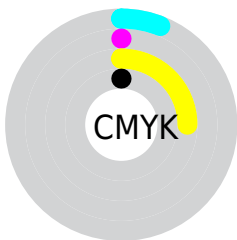
Distribution



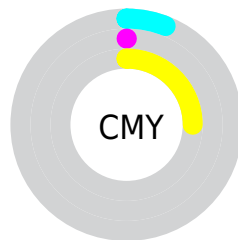
- Red (94%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (81%)



- Cyan (6%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.6323, 0.3400, 0.3942 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 93.6323, 0.3400, 0.3942 by changing the saturation by 10% instead.


 93.6323, 0.3400,
0.3942

 93.6323, 0.3400,
0.3942


539.7771, 0.3285,
0.3647

 70.9972, 0.3424,
0.4008


 152.3737, 0.3362,
0.3841

 52.3399, 0.3452,
0.4087


189.2488, 0.3347,
0.3801

 37.2761, 0.3485,
0.4187


231.6393, 0.3333,
0.3767

 25.4213, 0.3525,
0.4314

279.9296, 0.3321,
0.3737

 16.3912, 0.3572,
0.4481

334.5042, 0.3311,
0.3710

 9.8014, 0.3629,
0.4710

395.7473, 0.3301,

 5.2675, 0.3690,

0.3687

0.5037

464.0435, 0.3293,
0.3666

2.4050, 0.3943,
0.5844

0.8285, 0.3295,
0.6705

93.6323, 0.3400,
0.3942

93.6323, 0.3400,
0.3942

91.5107, 0.3504,
0.4215

95.9846, 0.3291,
0.3673

89.6154, 0.3598,
0.4484

98.5835, 0.3182,
0.3415

87.9329, 0.3678,
0.4736

100.0000, 0.3127,
0.3290

86.4506, 0.3737,
0.4960

■ 85.1543, 0.3771,
0.5145

■ 84.0275, 0.3779,
0.5284

■ 83.0500, 0.3763,
0.5375

■ 82.6096, 0.3748,
0.5406

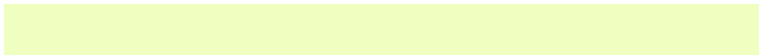
Harmonies

Analogous

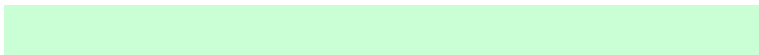
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.6323, 0.3700, 0.3870



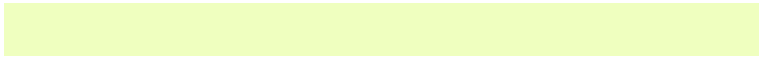
93.6323, 0.3400, 0.3942



93.6323, 0.3038, 0.3813

Triad

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



93.6323, 0.3400, 0.3942



93.6323, 0.2454, 0.2875



93.6323, 0.3543, 0.3068

Complementary

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



93.6323, 0.3400, 0.3942



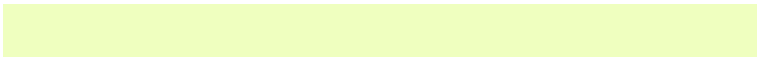
57.7795, 0.2804, 0.2595

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.



93.6323, 0.3185, 0.2837



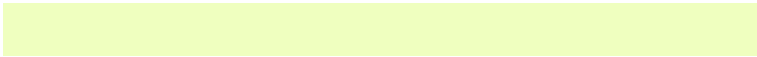
93.6323, 0.3400, 0.3942



93.6323, 0.2569, 0.2719

Square

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



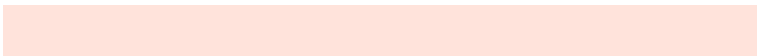
93.6323, 0.3400, 0.3942



93.6323, 0.2504, 0.3163



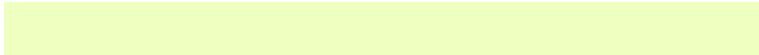
93.6323, 0.2830, 0.2710



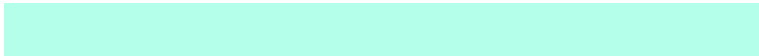
93.6323, 0.3791, 0.3358

Rectangle

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



93.6323, 0.3400, 0.3942



93.6323, 0.2812, 0.3627



93.6323, 0.2830, 0.2710



93.6323, 0.3430, 0.2982

Sweetspot

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



93.6302, 0.3400, 0.3942



97.7984, 0.3214, 0.3489



69.6676, 0.3620, 0.3456



20.8481, 0.3230, 0.3528



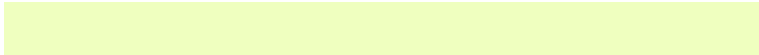
0.0000, 0.0000, 0.0000



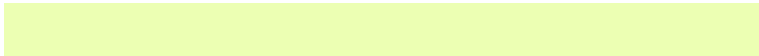
21.4041, 0.3127, 0.3290

Same Dimension

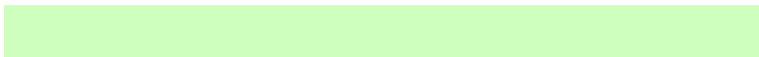
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.6302, 0.3400, 0.3942



92.5584, 0.3452, 0.4076



88.5546, 0.3192, 0.3986



20.8481, 0.3230, 0.3528



43.2396, 0.3755, 0.5400



4.2616, 0.3807, 0.5359

Inverse Universe

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



57.7795, 0.2804, 0.2595



51.2210, 0.2728, 0.2439



62.8563, 0.3036, 0.2640



17.5976, 0.3018, 0.3047



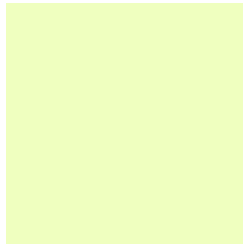
4.3991, 0.1644, 0.0679



0.4773, 0.1753, 0.0739

Previews

White Background



This preview shows how the Yxy color 93.6323, 0.3400, 0.3942 looks on a white background.

Color Contrast Check

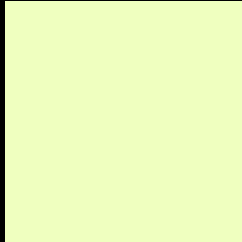
Large Text (above 18pt) WCAG AA × Fail

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 93.6323, 0.3400, 0.3942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

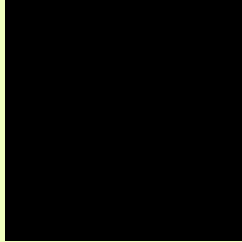
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.6323, 0.3400, 0.3942

Background



This preview shows how black text looks on a background with the Yxy color 93.6323, 0.3400, 0.3942.

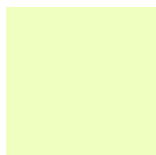


This preview shows how white text looks on a background with the Yxy color 93.6323, 0.3400, 0.3942.

Color Blindness Simulation

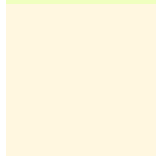
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



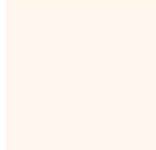
Original Color

93.6323, 0.3400, 0.3942



Protanopia

93.1633, 0.3319, 0.3516



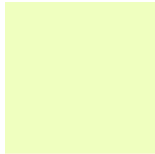
Deuteranopia

93.4628, 0.3222, 0.3348

Tritanopia

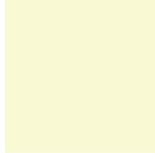
93.6980, 0.3086, 0.3212

Trichromacy



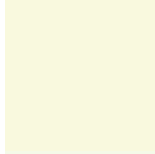
Original Color

93.6323, 0.3400, 0.3942



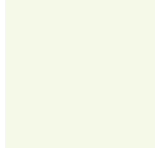
Protanomaly

93.2644, 0.3349, 0.3669



Deuteranomaly

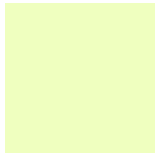
93.1650, 0.3289, 0.3558



Tritanomaly

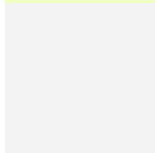
93.6099, 0.3202, 0.3469

Monochromacy



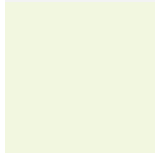
Original Color

93.6323, 0.3400, 0.3942



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.7806, 0.3233, 0.3522

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.6323, 0.3400, 0.3942 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(239, 255, 191)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 191)  
}
```

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(239, 255, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 191) }
```

Border

The CSS property to change the border of an element to Yxy 93.6323, 0.3400, 0.3942 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(239, 255, 191) }
```

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

```
.border{ border-color:rgb(239, 255, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 255, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 191);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 93.6323, 0.3400, 0.3942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 191) }
```

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

```
.background{ background-color: rgb(239,  
255, 191) }
```

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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