

Converting Colors

$Yxy(97.7520, 0.3247, 0.3854)$

Have a look what the booklet for
Yxy(97.7520, 0.3247, 0.3854)
contains.

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Color

Yxy(93.0139, 0.3254, 0.3785)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E7FFCF |
| RGB | 231, 255, 207 |
| RGB Percent | 91%, 100%, 81% |
| CMY | 0.0943, 0.0000, 0.1883 |
| CMYK | 0.09, 0.00, 0.19, 0.00 |
| HSL | 90°, 100%, 91% |
| HSV | 90°, 19%, 100% |
| XYZ | 79.9649, 93.0139, 72.7646 |
| YIQ | 242.3520, 1.1040, -20.0160 |

Conversions

Conversions Part 2

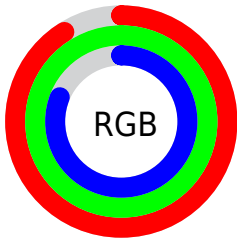
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 207, 255, 231 |
| Decimal | 15204303 |
| CIE _{Lab} | 97.23, -16.06, 20.37 |
| CIE _{LCh} | 97, 25.940, 128.246 |
| Yxy | 93.0139, 0.3254, 0.3785 |
| Android (android.graphics.Color) | 4293394383 (0xFFE7FFCF) |
| YUV | 242.3520, -17.4285, -9.9557 |
| Hunter-Lab | 96.4437, -20.7758, 22.7776 |

Details

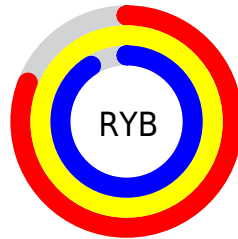
The Yxy color **93.0139, 0.3254, 0.3785** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **68.8381, 0.2978, 0.2796**, and the grayscale version is **89.2132, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.8020, 0.3273, 0.3887** is the 20% darker color. If you saturate the color by 10%, you get **89.8095, 0.3318, 0.4075**, and if you desaturate by 10%, it is **96.5583, 0.3187, 0.3513**.

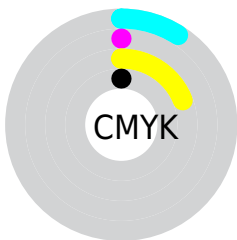
Distribution



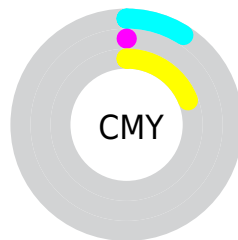
- Red (91%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (91%)



- Cyan (9%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.0139, 0.3254, 0.3785 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 93.0139, 0.3254, 0.3785 by changing the saturation by 10% instead.


 93.0139, 0.3254,
0.3785

 93.0139, 0.3254,
0.3785

537.7870, 0.3201,
0.3560

 70.4831, 0.3265,
0.3835

151.5179, 0.3237,
0.3708

 51.9204, 0.3277,
0.3897


188.2598, 0.3230,
0.3678

 36.9417, 0.3292,
0.3974


230.5075, 0.3224,
0.3651

 25.1623, 0.3310,
0.4073

278.6454, 0.3218,
0.3629

 16.1980, 0.3332,
0.4206

333.0579, 0.3213,
0.3608

 9.6644, 0.3357,
0.4391


394.1294, 0.3209,


 5.1770, 0.3384,


0.3590


0.4666


462.2443, 0.3205,
0.3574


 2.3515, 0.3424,
0.5147


 0.8008, 0.3155,
0.6845

 93.0139, 0.3254,
0.3785


 93.0139, 0.3254,
0.3785


 89.8095, 0.3318,
0.4075

 96.5583, 0.3187,
0.3513

 86.9569, 0.3374,
0.4376

100.0000, 0.3127,
0.3290

 84.4341, 0.3420,
0.4678

 82.2260, 0.3449,
0.4967

■ 80.3164, 0.3459,
0.5227

■ 78.6869, 0.3446,
0.5444

■ 77.3162, 0.3411,
0.5605

■ 76.1752, 0.3358,
0.5710

■ 76.0524, 0.3351,
0.5721

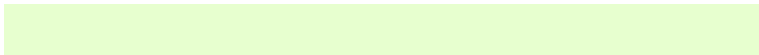
Harmonies

Analogous

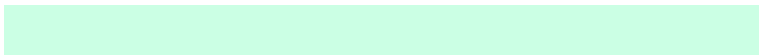
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.0139, 0.3516, 0.3785



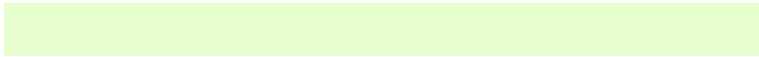
93.0139, 0.3254, 0.3785



93.0139, 0.2967, 0.3633

Triad

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



93.0139, 0.3254, 0.3785



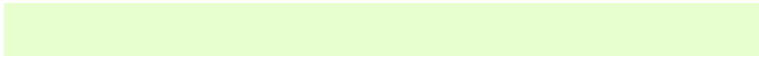
93.0139, 0.2604, 0.2908



93.0139, 0.3534, 0.3189

Complementary

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



93.0139, 0.3254, 0.3785



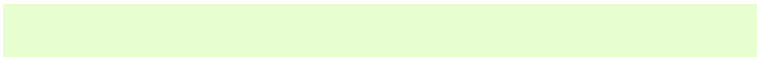
68.8381, 0.2978, 0.2796

Split Complementary

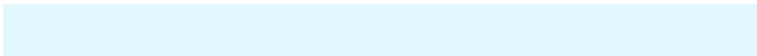
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.0139, 0.3273, 0.2980



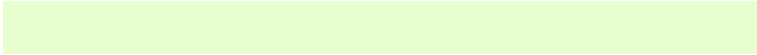
93.0139, 0.3254, 0.3785



93.0139, 0.2739, 0.2817

Square

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



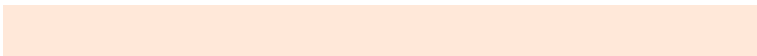
93.0139, 0.3254, 0.3785



93.0139, 0.2600, 0.3109



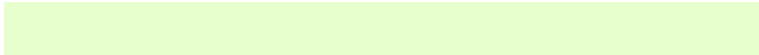
93.0139, 0.2981, 0.2846



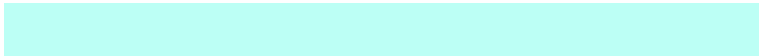
93.0139, 0.3685, 0.3429

Rectangle

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



93.0139, 0.3254, 0.3785



93.0139, 0.2799, 0.3469



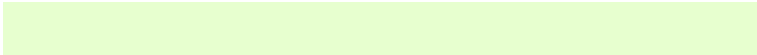
93.0139, 0.2981, 0.2846



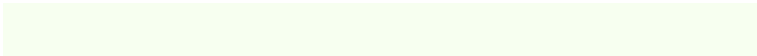
93.0139, 0.3456, 0.3113

Sweetspot

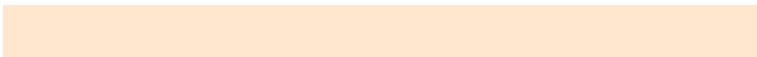
The Sweet Spot groups the original color and five complimentary colors.



93.0056, 0.3254, 0.3785



97.6287, 0.3168, 0.3439



82.9146, 0.3454, 0.3532



20.8431, 0.3172, 0.3456



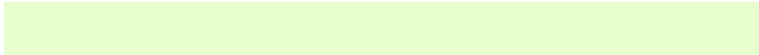
0.0000, 0.0000, 0.0000



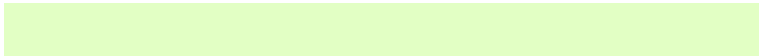
21.4041, 0.3127, 0.3290

Same Dimension

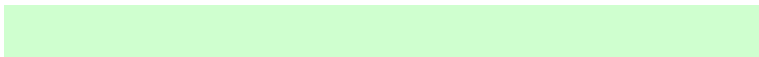
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.0056, 0.3254, 0.3785



91.6290, 0.3281, 0.3904



89.2891, 0.3103, 0.3808



20.6134, 0.3192, 0.3530



39.8277, 0.3363, 0.5712



3.9428, 0.3449, 0.5644

Inverse Universe

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



68.8381, 0.2978, 0.2796



62.9829, 0.2939, 0.2677



73.1024, 0.3149, 0.2821



17.8247, 0.3058, 0.3050



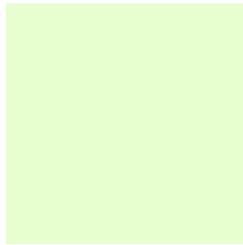
6.2487, 0.2023, 0.0888



0.6733, 0.2145, 0.0955

Previews

White Background



This preview shows how the Yxy color 93.0139, 0.3254, 0.3785 looks on a white background.

Color Contrast Check

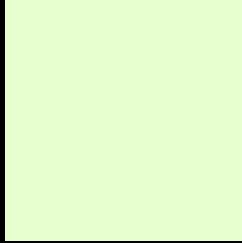
Large Text (above 18pt) WCAG AA × Fail

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 93.0139, 0.3254, 0.3785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

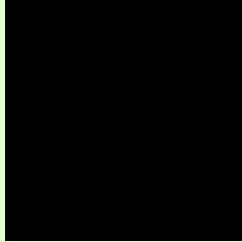
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

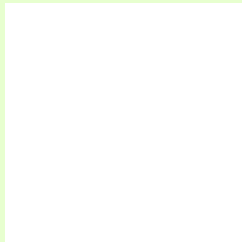
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.0139, 0.3254, 0.3785

Background



This preview shows how black text looks on a background with the Yxy color 93.0139, 0.3254, 0.3785.

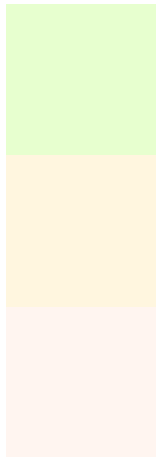


This preview shows how white text looks on a background with the Yxy color 93.0139, 0.3254, 0.3785.

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

93.0139, 0.3254, 0.3785

Protanopia

92.4992, 0.3327, 0.3516

Deuteranopia

92.8561, 0.3222, 0.3339

Tritanopia

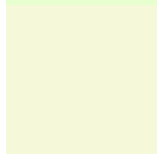
92.9746, 0.3061, 0.3212

Trichromacy



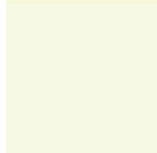
Original Color

93.0139, 0.3254, 0.3785



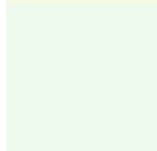
Protanomaly

92.3539, 0.3300, 0.3611



Deuteranomaly

92.9456, 0.3233, 0.3499



Tritanomaly

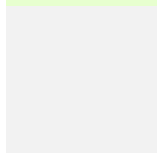
92.8950, 0.3128, 0.3410

Monochromacy



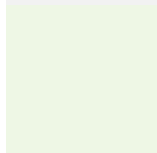
Original Color

93.0139, 0.3254, 0.3785



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.3558, 0.3177, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.0139, 0.3254, 0.3785 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(231, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 207)  
}
```

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(231, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 207) }
```

Border

The CSS property to change the border of an element to Yxy 93.0139, 0.3254, 0.3785 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(231, 255, 207) }
```

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

```
.border{ border-color:rgb(231, 255, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 255, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 93.0139, 0.3254, 0.3785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 207) }
```

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

```
.background{ background-color: rgb(231,  
255, 207) }
```

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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