

Converting Colors

$Yxy(96.3017, 0.3241, 0.3594)$

Have a look what the booklet for
Yxy(96.3017, 0.3241, 0.3594)
contains.

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Color

Yxy(96.3143, 0.3245, 0.3598)

Conversions

Conversions Part 1

Format	Color
Hex	F5FFE0
RGB	245, 255, 224
RGB Percent	96%, 100%, 88%
CMY	0.0392, 0.0000, 0.1217
CMYK	0.04, 0.00, 0.12, 0.00
HSL	79°, 100%, 94%
HSV	79°, 12%, 100%
XYZ	86.8649, 96.3143, 84.5092
YIQ	248.4760, 3.9910, -11.7610

Conversions

Conversions Part 2

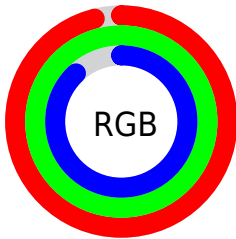
Format	Color
R_{YB}	224, 255, 234
Decimal	16121824
CIE Lab	98.56, -8.56, 13.71
CIE LCh	99, 16.165, 121.975
Yxy	96.3143, 0.3245, 0.3598
Android (android.graphics.Color)	4294311904 (0xFF5FFFE0)
YUV	248.4760, -12.0667, -3.0485
Hunter-Lab	98.1398, -13.7520, 17.6427

Details

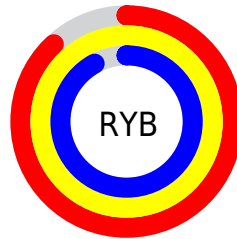
The Yxy color **96.3143, 0.3245, 0.3598** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **78.0025, 0.2999, 0.2976**, and the grayscale version is **94.3718, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.0716, 0.3270, 0.3657** is the 20% darker color. If you saturate the color by 10%, you get **93.5837, 0.3342, 0.3868**, and if you desaturate by 10%, it is **99.3120, 0.3148, 0.3343**.

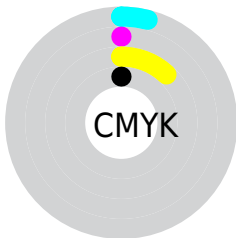
Distribution



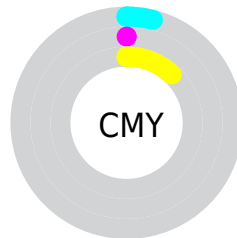
- Red (96%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (92%)



- Cyan (4%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 96.3143, 0.3245, 0.3598 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 96.3143, 0.3245, 0.3598 by changing the saturation by 10% instead.


 96.3143, 0.3245,
0.3598

 96.3143, 0.3245,
0.3598

548.3641, 0.3194,
0.3460

 73.2294, 0.3256,
0.3628


156.0791, 0.3228,
0.3551

 54.1635, 0.3269,
0.3665


193.5278, 0.3221,
0.3533

 38.7324, 0.3285,
0.3711


236.5331, 0.3215,
0.3517

 26.5516, 0.3304,
0.3770

285.4796, 0.3210,
0.3503

 17.2368, 0.3329,
0.3847

340.7515, 0.3205,
0.3490

 10.4034, 0.3362,
0.3954

402.7333, 0.3201,

 5.6673, 0.3408,

0.3479

0.4111

471.8093, 0.3198,
0.3469

■ 2.6438, 0.3471,
0.4362

■ 0.9487, 0.4036,
0.5539

■ 96.3143, 0.3245,
0.3598

■ 96.3143, 0.3245,
0.3598

■ 93.5837, 0.3342,
0.3868

■ 99.3120, 0.3148,
0.3343

■ 91.1193, 0.3435,
0.4147

100.0000, 0.3127,
0.3290

■ 88.9074, 0.3519,
0.4427

■ 86.9362, 0.3591,
0.4698

■ 85.1931, 0.3643,
0.4945

■ 83.6638, 0.3673,
0.5158

■ 82.3321, 0.3677,
0.5326

■ 81.1787, 0.3655,
0.5442

■ 80.3777, 0.3625,
0.5504

Harmonies

Analogous

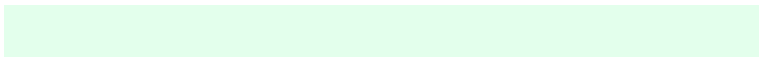
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.3143, 0.3395, 0.3584



96.3143, 0.3245, 0.3598



96.3143, 0.3067, 0.3523

Triad

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



96.3143, 0.3245, 0.3598



96.3143, 0.2792, 0.3077



96.3143, 0.3348, 0.3198

Complementary

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



96.3143, 0.3245, 0.3598



78.0025, 0.2999, 0.2976

Split Complementary

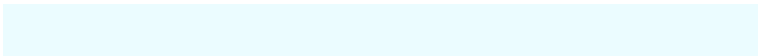
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.3143, 0.3181, 0.3073



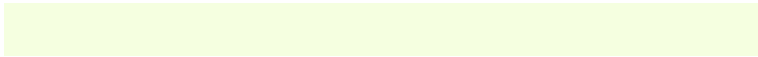
96.3143, 0.3245, 0.3598



96.3143, 0.2862, 0.3001

Square

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



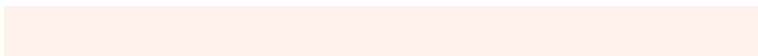
96.3143, 0.3245, 0.3598



96.3143, 0.2808, 0.3215



96.3143, 0.3003, 0.3001



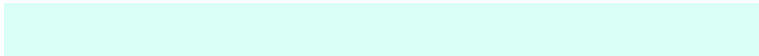
96.3143, 0.3457, 0.3350

Rectangle

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



96.3143, 0.3245, 0.3598



96.3143, 0.2956, 0.3433



96.3143, 0.3003, 0.3001



96.3143, 0.3297, 0.3152

Sweetspot

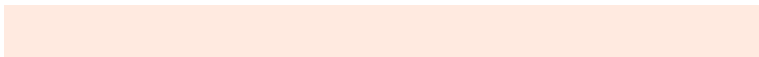
The Sweet Spot groups the original color and five complimentary colors.



96.3113, 0.3245, 0.3598



98.7418, 0.3166, 0.3388



85.3690, 0.3336, 0.3388



21.0852, 0.3173, 0.3407



0.0000, 0.0000, 0.0000



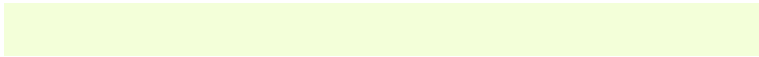
21.4041, 0.3127, 0.3290

Same Dimension

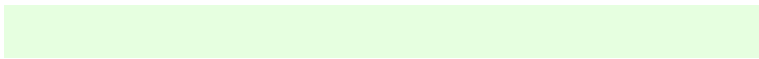
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.3113, 0.3245, 0.3598



95.5119, 0.3273, 0.3673



93.6665, 0.3148, 0.3607



20.7799, 0.3219, 0.3528



42.0830, 0.3634, 0.5496



4.1564, 0.3699, 0.5445

Inverse Universe

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



78.0025, 0.2999, 0.2976



73.3889, 0.2966, 0.2897



80.7111, 0.3102, 0.2985



17.6621, 0.3029, 0.3048



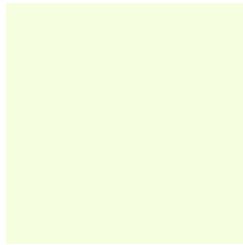
4.7863, 0.1728, 0.0726



0.5220, 0.1849, 0.0792

Previews

White Background



This preview shows how the Yxy color 96.3143, 0.3245, 0.3598 looks on a white background.

Color Contrast Check

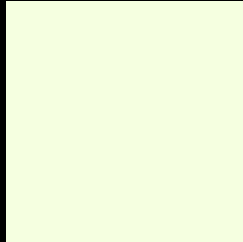
Large Text (above 18pt) WCAG AA × Fail

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 96.3143, 0.3245, 0.3598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

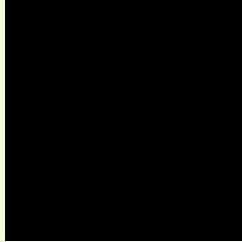
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

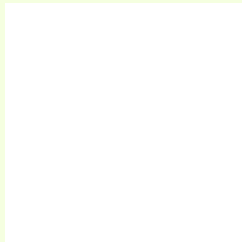
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.3143, 0.3245, 0.3598

Background



This preview shows how black text looks on a background with the Yxy color 96.3143, 0.3245, 0.3598.

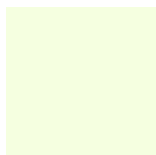


This preview shows how white text looks on a background with the Yxy color 96.3143, 0.3245, 0.3598.

Color Blindness Simulation

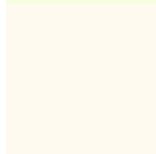
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

96.3143, 0.3245, 0.3598



Protanopia

95.9225, 0.3218, 0.3387



Deuteranopia

96.4085, 0.3171, 0.3309

Tritanopia

96.1004, 0.3104, 0.3242

Trichromacy



Original Color

96.3143, 0.3245, 0.3598

Protanomaly

96.0705, 0.3227, 0.3466

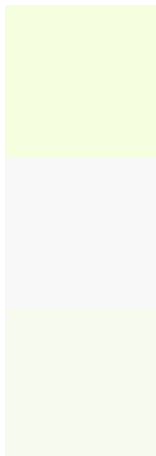
Deuteranomaly

96.3620, 0.3197, 0.3417

Tritanomaly

96.2922, 0.3155, 0.3368

Monochromacy



Original Color

96.3143, 0.3245, 0.3598

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

95.0005, 0.3172, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.3143, 0.3245, 0.3598 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(245, 255, 224)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 224)  
}
```

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(245, 255, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 224) }
```

Border

The CSS property to change the border of an element to Yxy 96.3143, 0.3245, 0.3598 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(245, 255, 224) }
```

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

```
.border{ border-color:rgb(245, 255, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 255, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 96.3143, 0.3245, 0.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 224) }
```

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

```
.background{ background-color: rgb(245,  
255, 224) }
```

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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