

Converting Colors

$Yxy(93.8132, 0.3239, 0.3719)$

Have a look what the booklet for
Yxy(93.8132, 0.3239, 0.3719)
contains.

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Color

Yxy(93.8165, 0.3239, 0.3719)

Conversions

Conversions Part 1

Format	Color
Hex	EAFFD5
RGB	234, 255, 213
RGB Percent	92%, 100%, 84%
CMY	0.0822, 0.0000, 0.1648
CMYK	0.08, 0.00, 0.16, 0.00
HSL	90°, 100%, 92%
HSV	90°, 16%, 100%
XYZ	81.7079, 93.8165, 76.7383
YIQ	243.9330, 0.9660, -17.5140

Conversions

Conversions Part 2

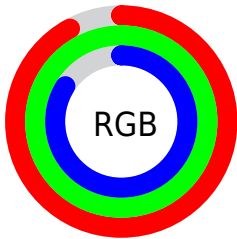
Format	Color
RYB	213, 255, 234
Decimal	15400917
CIELab	97.56, -14.05, 17.81
CIELCh	98, 22.683, 128.282
Yxy	93.8165, 0.3239, 0.3719
Android (android.graphics.Color)	4293590997 (0xFFEAFD5)
YUV	243.9330, -15.2500, -8.7112
Hunter-Lab	96.8589, -18.9247, 20.8276

Details

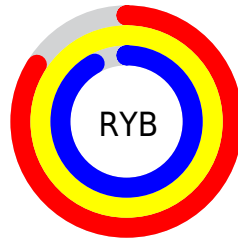
The Yxy color **93.8165, 0.3239, 0.3719** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.2816, 0.2999, 0.2862**, and the grayscale version is **90.5397, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.3218, 0.3261, 0.3815** is the 20% darker color. If you saturate the color by 10%, you get **90.5488, 0.3304, 0.4005**, and if you desaturate by 10%, it is **97.4505, 0.3171, 0.3452**.

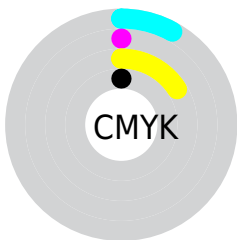
Distribution



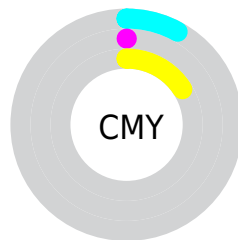
- Red (92%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (92%)



- Cyan (8%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (8%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.8165, 0.3239, 0.3719 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 93.8165, 0.3239, 0.3719 by changing the saturation by 10% instead.


 93.8165, 0.3239,
0.3719

 93.8165, 0.3239,
0.3719


540.3692, 0.3192,
0.3525

 71.1503, 0.3249,
0.3762


152.6285, 0.3224,
0.3653

 52.4649, 0.3260,
0.3815


189.5432, 0.3217,
0.3626

 37.3758, 0.3274,
0.3881


231.9762, 0.3212,
0.3604

 25.4986, 0.3291,
0.3966

280.3118, 0.3207,
0.3584

 16.4489, 0.3311,
0.4080

334.9345, 0.3203,
0.3567

 9.8424, 0.3336,
0.4238

396.2287, 0.3199,

 5.2946, 0.3366,

0.3551

0.4472

464.5788, 0.3195,
0.3537

■ 2.4211, 0.3396,
0.4856

■ 0.8367, 0.3508,
0.6492

■ 93.8165, 0.3239,
0.3719

■ 93.8165, 0.3239,
0.3719

■ 90.5488, 0.3304,
0.4005

■ 97.4505, 0.3171,
0.3452

■ 87.6226, 0.3363,
0.4305

99.9992, 0.3127,
0.3290

■ 85.0284, 0.3412,
0.4607

■ 82.7514, 0.3446,
0.4900

■ 80.7758, 0.3461,
0.5168

■ 79.0838, 0.3453,
0.5396

■ 77.6551, 0.3424,
0.5570

■ 76.4649, 0.3374,
0.5687

■ 76.0908, 0.3354,
0.5719

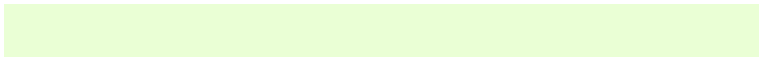
Harmonies

Analogous

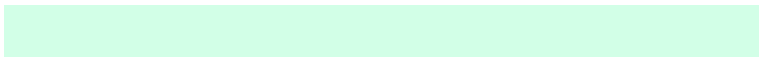
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.8165, 0.3467, 0.3721



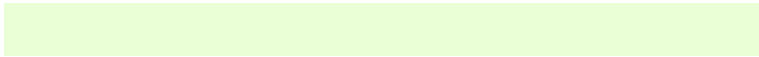
93.8165, 0.3239, 0.3719



93.8165, 0.2988, 0.3587

Triad

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



93.8165, 0.3239, 0.3719



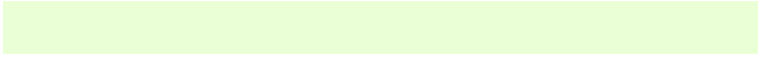
93.8165, 0.2668, 0.2957



93.8165, 0.3482, 0.3203

Complementary

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



93.8165, 0.3239, 0.3719



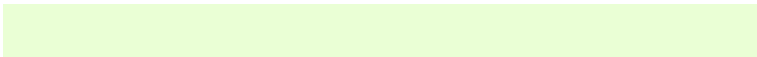
72.2816, 0.2999, 0.2862

Split Complementary

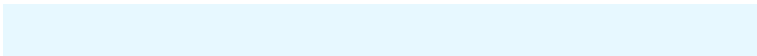
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.8165, 0.3255, 0.3018



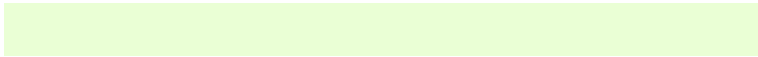
93.8165, 0.3239, 0.3719



93.8165, 0.2788, 0.2876

Square

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



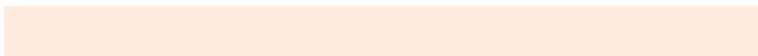
93.8165, 0.3239, 0.3719



93.8165, 0.2665, 0.3134



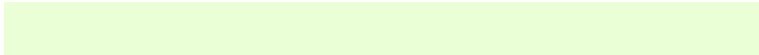
93.8165, 0.3001, 0.2900



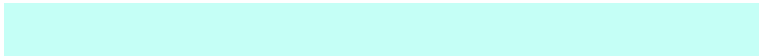
93.8165, 0.3612, 0.3414

Rectangle

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



93.8165, 0.3239, 0.3719



93.8165, 0.2841, 0.3446



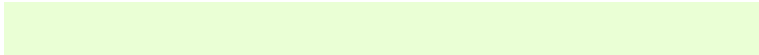
93.8165, 0.3001, 0.2900



93.8165, 0.3414, 0.3136

Sweetspot

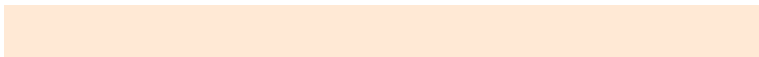
The Sweet Spot groups the original color and five complimentary colors.



93.8206, 0.3239, 0.3719



98.0192, 0.3161, 0.3414



84.5046, 0.3410, 0.3494



20.9222, 0.3166, 0.3432



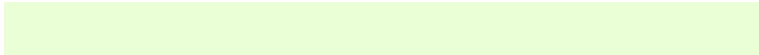
0.0000, 0.0000, 0.0000



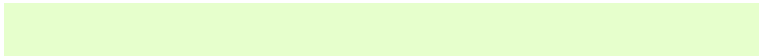
21.4041, 0.3127, 0.3290

Same Dimension

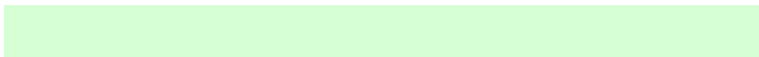
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.8206, 0.3239, 0.3719



92.6290, 0.3262, 0.3818



90.5704, 0.3111, 0.3736



20.6153, 0.3192, 0.3530



39.8483, 0.3366, 0.5709



3.9448, 0.3451, 0.5642

Inverse Universe

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



72.2816, 0.2999, 0.2862



67.1371, 0.2967, 0.2763



75.9257, 0.3141, 0.2880



17.8229, 0.3057, 0.3050



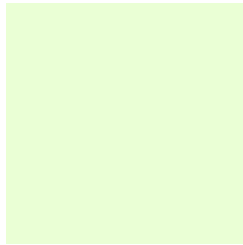
6.2281, 0.2019, 0.0886



0.6713, 0.2141, 0.0953

Previews

White Background



This preview shows how the Yxy color 93.8165, 0.3239, 0.3719 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 93.8165, 0.3239, 0.3719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

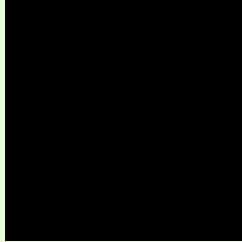
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

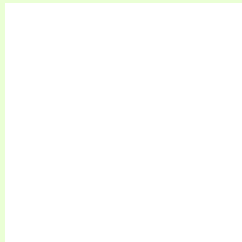
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.8165, 0.3239, 0.3719

Background



This preview shows how black text looks on a background with the Yxy color 93.8165, 0.3239, 0.3719.

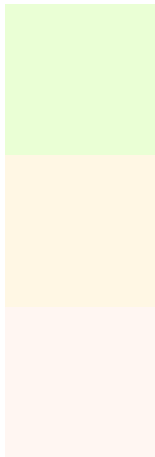


This preview shows how white text looks on a background with the Yxy color 93.8165, 0.3239, 0.3719.

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

93.8165, 0.3239, 0.3719

Protanopia

93.3830, 0.3294, 0.3476

Deuteranopia

93.5823, 0.3209, 0.3329

Tritanopia

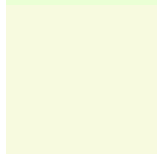
93.9476, 0.3074, 0.3222

Trichromacy



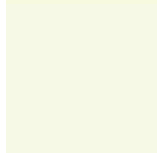
Original Color

93.8165, 0.3239, 0.3719



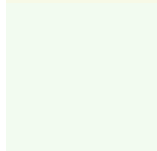
Protanomaly

93.4731, 0.3269, 0.3559



Deuteranomaly

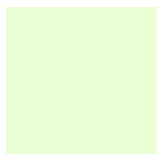
93.2950, 0.3222, 0.3468



Tritanomaly

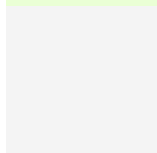
94.1629, 0.3135, 0.3399

Monochromacy



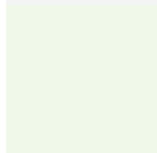
Original Color

93.8165, 0.3239, 0.3719



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.5433, 0.3165, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.8165, 0.3239, 0.3719 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(234, 255, 213)` looks like.

```
.text, #text, p{  
    color:rgb(234, 255, 213)  
}
```

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(234, 255, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 255, 213) }
```

Border

The CSS property to change the border of an element to Yxy 93.8165, 0.3239, 0.3719 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(234, 255, 213) }
```

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

```
.border{ border-color:rgb(234, 255, 213) }
```

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

Here you see how a box with a 4 pixel rgb(234, 255, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 255, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 255, 213);  
box-shadow:4px 4px 4px 4px rgb(234, 255,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 93.8165, 0.3239, 0.3719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 255, 213) }
```

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

```
.background{ background-color: rgb(234,  
255, 213) }
```

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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