

Converting Colors

$Y_{xy}(173.2878, 0.3220, 0.4539)$

Have a look what the booklet for
Yxy(173.2878, 0.3220, 0.4539)
contains.

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Color

Yxy(95.0309, 0.3338, 0.3783)

Conversions

Conversions Part 1

Format	Color
Hex	F3FFCE
RGB	243, 255, 206
RGB Percent	95%, 100%, 81%
CMY	0.0472, 0.0000, 0.1921
CMYK	0.05, 0.00, 0.19, 0.00
HSL	75°, 100%, 90%
HSV	75°, 19%, 100%
XYZ	83.8523, 95.0309, 72.3220
YIQ	245.8260, 8.5770, -17.7830

Conversions

Conversions Part 2

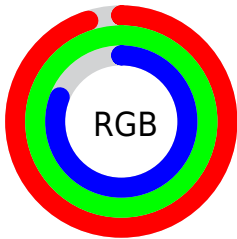
Format	Color
R_{YB}	206, 255, 218
Decimal	15990734
CIE Lab	98.05, -12.03, 22.13
CIE LCh	98, 25.189, 118.535
Yxy	95.0309, 0.3338, 0.3783
Android (android.graphics.Color)	4294180814 (0xFFFF3FFCE)
YUV	245.8260, -19.6342, -2.4784
Hunter-Lab	97.4838, -17.0570, 24.2522

Details

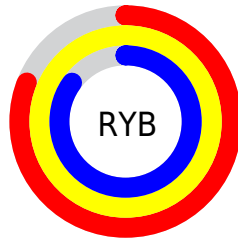
The Yxy color **95.0309, 0.3338, 0.3783** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **66.2822, 0.2888, 0.2772**, and the grayscale version is **92.1567, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.2200, 0.3381, 0.3882** is the 20% darker color. If you saturate the color by 10%, you get **92.7869, 0.3446, 0.4054**, and if you desaturate by 10%, it is **97.4997, 0.3228, 0.3520**.

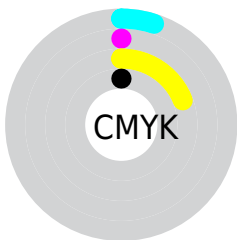
Distribution



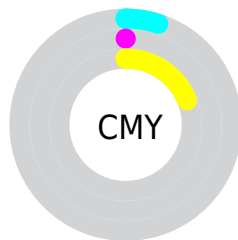
- Red (95%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (85%)



- Cyan (5%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.0309, 0.3338, 0.3783 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 95.0309, 0.3338, 0.3783 by changing the saturation by 10% instead.

 95.0309, 0.3338,
0.3783

 95.0309, 0.3338,
0.3783

544.2639, 0.3248,
0.3561

 72.1607, 0.3357,
0.3832

154.3073, 0.3308,
0.3707

 53.2900, 0.3379,
0.3892


191.4823, 0.3296,
0.3678

 38.0343, 0.3407,
0.3966


234.1943, 0.3286,
0.3652

 26.0093, 0.3440,
0.4062

282.8278, 0.3276,
0.3629

 16.8306, 0.3482,
0.4187

337.7670, 0.3268,
0.3609

 10.1138, 0.3535,
0.4360

399.3966, 0.3261,

 5.4745, 0.3602,

0.3591

0.4612

468.1007, 0.3254,
0.3576

■ 2.5282, 0.3707,
0.5041

■ 0.8907, 0.3830,
0.6170

■ 95.0309, 0.3338,
0.3783

■ 95.0309, 0.3338,
0.3783

■ 92.7869, 0.3446,
0.4054

■ 97.4997, 0.3228,
0.3520

■ 90.7792, 0.3548,
0.4326

100.0000, 0.3127,
0.3290

■ 88.9898, 0.3637,
0.4589

■ 87.4066, 0.3710,
0.4830

■ 86.0167, 0.3760,
0.5038

■ 84.8050, 0.3784,
0.5204

■ 83.7536, 0.3783,
0.5322

■ 82.8361, 0.3758,
0.5395

■ 82.7669, 0.3756,
0.5400

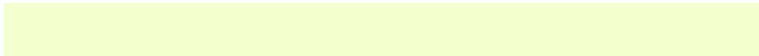
Harmonies

Analogous

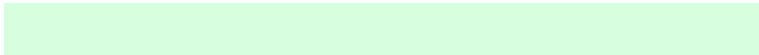
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.0309, 0.3566, 0.3737



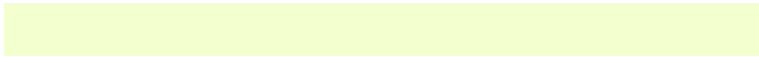
95.0309, 0.3338, 0.3783



95.0309, 0.3061, 0.3682

Triad

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



95.0309, 0.3338, 0.3783



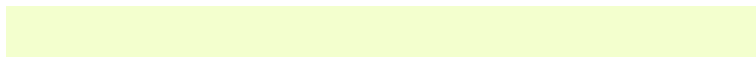
95.0309, 0.2606, 0.2974



95.0309, 0.3446, 0.3121

Complementary

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



95.0309, 0.3338, 0.3783



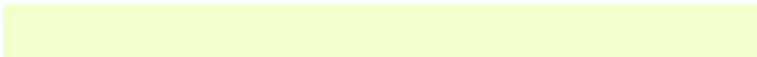
66.2822, 0.2888, 0.2772

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.



95.0309, 0.3176, 0.2939



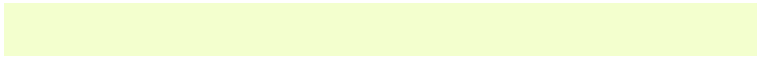
95.0309, 0.3338, 0.3783



95.0309, 0.2697, 0.2849

Square

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



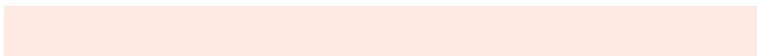
95.0309, 0.3338, 0.3783



95.0309, 0.2646, 0.3196



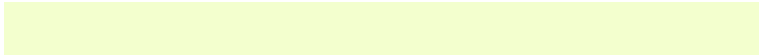
95.0309, 0.2902, 0.2840



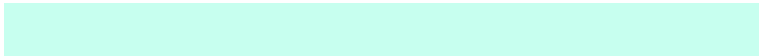
95.0309, 0.3633, 0.3349

Rectangle

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



95.0309, 0.3338, 0.3783



95.0309, 0.2886, 0.3543



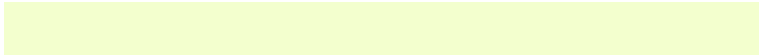
95.0309, 0.2902, 0.2840



95.0309, 0.3362, 0.3053

Sweetspot

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



95.0237, 0.3338, 0.3783



98.3470, 0.3192, 0.3438



75.5709, 0.3486, 0.3407



21.0130, 0.3200, 0.3455



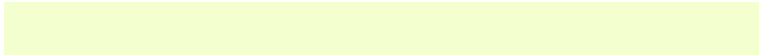
0.0000, 0.0000, 0.0000



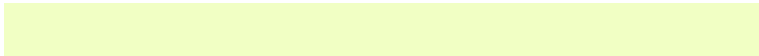
21.4041, 0.3127, 0.3290

Same Dimension

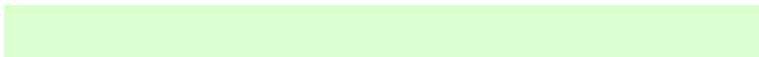
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.0237, 0.3338, 0.3783



94.1486, 0.3379, 0.3885



91.0486, 0.3184, 0.3807



20.8526, 0.3231, 0.3527



43.3209, 0.3764, 0.5394



4.2689, 0.3815, 0.5353

Inverse Universe

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



66.2822, 0.2888, 0.2772



60.6727, 0.2833, 0.2658



70.2343, 0.3056, 0.2797



17.5934, 0.3017, 0.3047



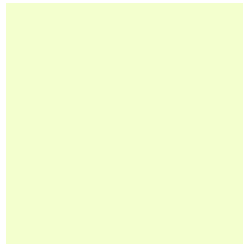
4.3774, 0.1639, 0.0677



0.4746, 0.1747, 0.0736

Previews

White Background



This preview shows how the Yxy color 95.0309, 0.3338, 0.3783 looks on a white background.

Color Contrast Check

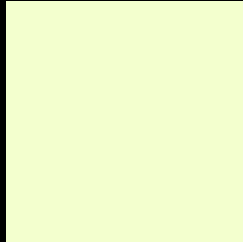
Large Text (above 18pt) WCAG AA × Fail

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 95.0309, 0.3338, 0.3783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

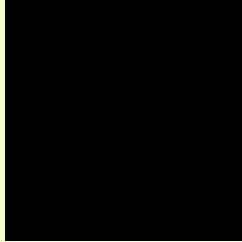
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

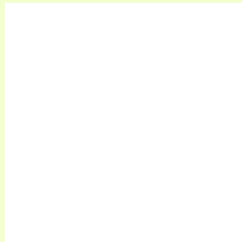
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.0309, 0.3338, 0.3783

Background



This preview shows how black text looks on a background with the Yxy color 95.0309, 0.3338, 0.3783.

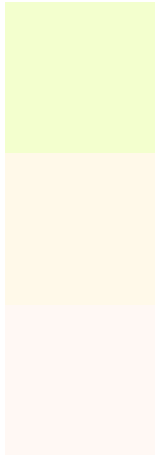


This preview shows how white text looks on a background with the Yxy color 95.0309, 0.3338, 0.3783.

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

95.0309, 0.3338, 0.3783

Protanopia

94.8946, 0.3262, 0.3446

Deuteranopia

94.9265, 0.3196, 0.3329

Tritanopia

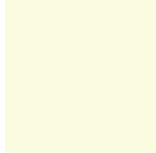
94.6788, 0.3099, 0.3223

Trichromacy



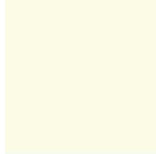
Original Color

95.0309, 0.3338, 0.3783



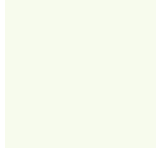
Protanomaly

94.8313, 0.3294, 0.3566



Deuteranomaly

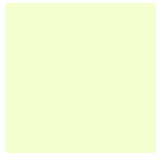
95.2168, 0.3252, 0.3496



Tritanomaly

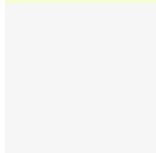
94.8829, 0.3184, 0.3428

Monochromacy



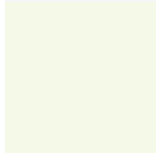
Original Color

95.0309, 0.3338, 0.3783



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

92.9334, 0.3209, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.0309, 0.3338, 0.3783 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(243, 255, 206)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 206)  
}
```

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(243, 255, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 206) }
```

Border

The CSS property to change the border of an element to Yxy 95.0309, 0.3338, 0.3783 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(243, 255, 206) }
```

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

```
.border{ border-color:rgb(243, 255, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 255, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 206);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 95.0309, 0.3338, 0.3783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 206) }
```

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

```
.background{ background-color: rgb(243,  
255, 206) }
```

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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