

Converting Colors

$Y_{xy}(95.5275, 0.3399, 0.3769)$

Have a look what the booklet for
Yxy(95.5275, 0.3399, 0.3769)
contains.

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Color

Yxy(95.8006, 0.3399, 0.3775)

Conversions

Conversions Part 1

Format	Color
Hex	FBFECD
RGB	251, 254, 205
RGB Percent	98%, 100%, 80%
CMY	0.0155, 0.0040, 0.1960
CMYK	0.01, 0.00, 0.19, 0.00
HSL	64°, 96%, 90%
HSV	64°, 19%, 100%
XYZ	86.2586, 95.8006, 71.7172
YIQ	247.5170, 13.9410, -15.8750

Conversions

Conversions Part 2

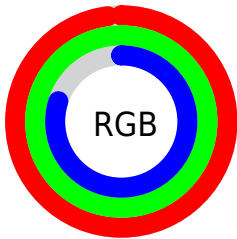
Format	Color
R _Y B	205, 254, 208
Decimal	16514765
CIE Lab	98.35, -8.81, 23.15
CIE LCh	98, 24.767, 110.843
Yxy	95.8006, 0.3399, 0.3775
Android (android.graphics.Color)	4294704845 (0xFFFBFECD)
YUV	247.5170, -20.9609, 3.0546
Hunter-Lab	97.8778, -13.9760, 25.0714

Details

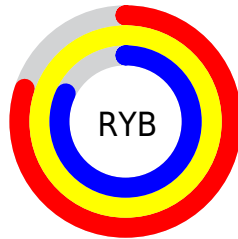
The Yxy color **95.8006, 0.3399, 0.3775** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **64.2360, 0.2825, 0.2761**, and the grayscale version is **93.6290, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.6362, 0.3450, 0.3871** is the 20% darker color. If you saturate the color by 10%, you get **94.3930, 0.3541, 0.4032**, and if you desaturate by 10%, it is **97.4181, 0.3257, 0.3520**.

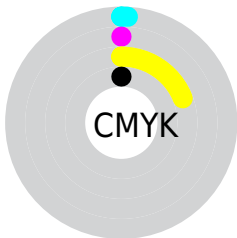
Distribution



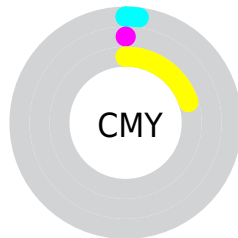
- Red (98%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (82%)



- Cyan (1%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)




- Cyan (2%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.8006, 0.3399, 0.3775 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 95.8006, 0.3399, 0.3775 by changing the saturation by 10% instead.


 95.8006, 0.3399,
0.3775

 95.8006, 0.3399,
0.3775

546.7248, 0.3282,
0.3558

 72.8015, 0.3424,
0.3823

155.3702, 0.3360,
0.3701

 53.8137, 0.3454,
0.3880

192.7095, 0.3344,
0.3672

 38.4527, 0.3490,
0.3952

235.5976, 0.3331,
0.3647

 26.3342, 0.3535,
0.4043

284.4190, 0.3318,
0.3625

 17.0739, 0.3591,
0.4163

339.5580, 0.3308,
0.3605

 10.2872, 0.3664,
0.4325

401.3991, 0.3298,

 5.5898, 0.3760,

0.3588

470.3265, 0.3289,
0.3572

0.4557

■ 2.5973, 0.3915,
0.4952

■ 0.9253, 0.4177,
0.5823

■ 95.8006, 0.3399,
0.3775

■ 95.8006, 0.3399,
0.3775

■ 94.3930, 0.3541,
0.4032

■ 97.4181, 0.3257,
0.3520

■ 93.1729, 0.3676,
0.4282

■ 99.1886, 0.3122,
0.3280

■ 92.1343, 0.3800,
0.4514

■ 99.3585, 0.3128,
0.3280

■ 91.2657, 0.3906,
0.4719

■ 90.5544, 0.3990,
0.4888

■ 89.9860, 0.4047,
0.5013

■ 89.5433, 0.4078,
0.5094

■ 89.2001, 0.4086,
0.5135

■ 89.1769, 0.4086,
0.5137

Harmonies

Analogous

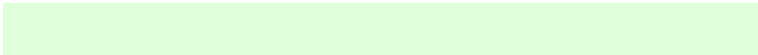
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.8006, 0.3598, 0.3696



95.8006, 0.3399, 0.3775



95.8006, 0.3132, 0.3713

Triad

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



95.8006, 0.3399, 0.3775



95.8006, 0.2613, 0.3029



95.8006, 0.3377, 0.3073

Complementary

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



95.8006, 0.3399, 0.3775



64.2360, 0.2825, 0.2761

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.



95.8006, 0.3103, 0.2911



95.8006, 0.3399, 0.3775



95.8006, 0.2671, 0.2878

Square

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



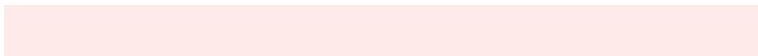
95.8006, 0.3399, 0.3775



95.8006, 0.2685, 0.3263



95.8006, 0.2846, 0.2840



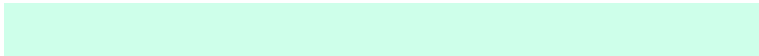
95.8006, 0.3588, 0.3289

Rectangle

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



95.8006, 0.3399, 0.3775



95.8006, 0.2954, 0.3596



95.8006, 0.2846, 0.2840



95.8006, 0.3289, 0.3011

Sweetspot

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



95.8048, 0.3399, 0.3775



98.8792, 0.3210, 0.3438



70.3337, 0.3504, 0.3316



21.1391, 0.3220, 0.3454



0.0000, 0.0000, 0.0000



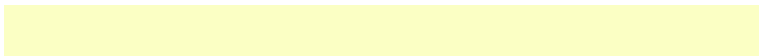
21.4041, 0.3127, 0.3290

Same Dimension

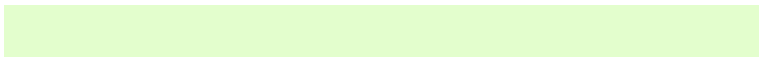
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.8048, 0.3399, 0.3775



96.1179, 0.3452, 0.3871



91.6282, 0.3241, 0.3800



21.0318, 0.3260, 0.3525



47.0422, 0.4088, 0.5136



4.5966, 0.4101, 0.5126

Inverse Universe

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



64.2360, 0.2825, 0.2761



59.1210, 0.2758, 0.2645



67.9785, 0.2991, 0.2786



17.4299, 0.2988, 0.3045



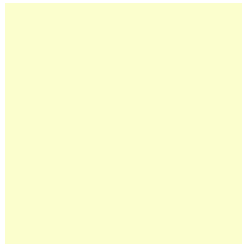
3.8473, 0.1518, 0.0610



0.3921, 0.1560, 0.0633

Previews

White Background



This preview shows how the Yxy color 95.8006, 0.3399, 0.3775 looks on a white background.

Color Contrast Check

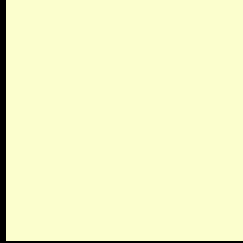
Large Text (above 18pt) WCAG AA × Fail

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 95.8006, 0.3399, 0.3775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

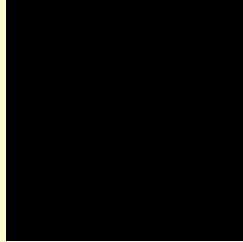
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.8006, 0.3399, 0.3775

Background



This preview shows how black text looks on a background with the Yxy color 95.8006, 0.3399, 0.3775.

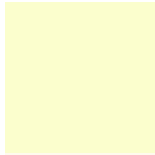


This preview shows how white text looks on a background with the Yxy color 95.8006, 0.3399, 0.3775.

Color Blindness Simulation

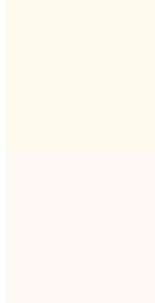
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



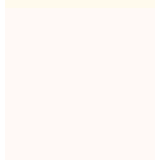
Original Color

95.8006, 0.3399, 0.3775



Protanopia

95.7456, 0.3236, 0.3416



Deuteranopia

95.6652, 0.3183, 0.3319

Tritanopia

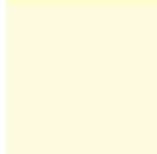
95.8540, 0.3117, 0.3233

Trichromacy



Original Color

95.8006, 0.3399, 0.3775



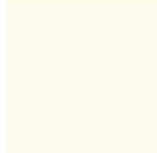
Protanomaly

95.5014, 0.3302, 0.3544



Deuteranomaly

95.8347, 0.3265, 0.3485



Tritanomaly

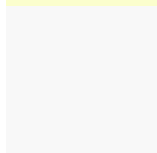
95.8042, 0.3216, 0.3426

Monochromacy



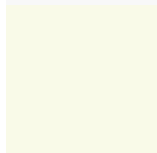
Original Color

95.8006, 0.3399, 0.3775



Achromatopsia

93.8686, 0.3127, 0.3290



Achromatomaly

94.3371, 0.3228, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.8006, 0.3399, 0.3775 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(251, 254, 205)` looks like.

```
.text, #text, p{  
    color:rgb(251, 254, 205)  
}
```

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(251, 254, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 254, 205) }
```

Border

The CSS property to change the border of an element to Yxy 95.8006, 0.3399, 0.3775 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(251, 254, 205) }
```

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

```
.border{ border-color:rgb(251, 254, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 254, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 254, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 254, 205);  
box-shadow:4px 4px 4px 4px rgb(251, 254,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 95.8006, 0.3399, 0.3775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 254, 205) }
```

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

```
.background{ background-color: rgb(251,  
254, 205) }
```

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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