

Converting Colors

$Yxy(95.9472, 0.3439, 0.3784)$

Have a look what the booklet for
Yxy(95.9472, 0.3439, 0.3784)
contains.

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Color

Yxy(95.8224, 0.3439, 0.3782)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDCB
RGB	255, 253, 203
RGB Percent	100%, 99%, 80%
CMY	0.0002, 0.0078, 0.2039
CMYK	0.00, 0.01, 0.20, 0.00
HSL	58°, 100%, 90%
HSV	58°, 20%, 100%
XYZ	87.1320, 95.8224, 70.4100
YIQ	247.8980, 17.2420, -15.1260

Conversions

Conversions Part 2

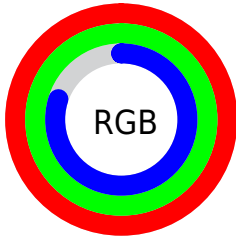
Format	Color
R _Y B	205, 255, 203
Decimal	16776651
CIE Lab	98.36, -7.22, 24.22
CIE LCh	98, 25.278, 106.599
Yxy	95.8224, 0.3439, 0.3782
Android (android.graphics.Color)	4294966731 (0xFFFFFDCB)
YUV	247.8980, -22.1347, 6.2285
Hunter-Lab	97.8889, -12.4208, 25.8759

Details

The Yxy color **95.8224, 0.3439, 0.3782** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **63.5501, 0.2786, 0.2745**, and the grayscale version is **93.9535, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.6555, 0.3502, 0.3878** is the 20% darker color. If you saturate the color by 10%, you get **94.1128, 0.3595, 0.4026**, and if you desaturate by 10%, it is **97.7434, 0.3283, 0.3537**.

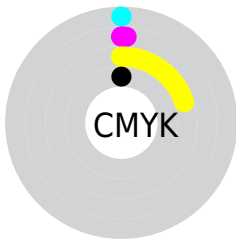
Distribution



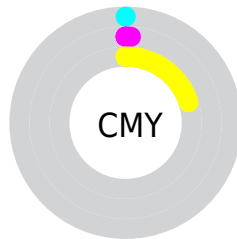
- Red (100%)
- Green (99%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.8224, 0.3439, 0.3782 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 95.8224, 0.3439, 0.3782 by changing the saturation by 10% instead.

 95.8224, 0.3439,
0.3782

 95.8224, 0.3439,
0.3782


546.7945, 0.3304,
0.3563

 72.8197, 0.3468,
0.3830

155.4003, 0.3394,
0.3708

 53.8285, 0.3502,
0.3888


192.7442, 0.3376,
0.3678

 38.4646, 0.3544,
0.3960


235.6373, 0.3360,
0.3653

 26.3435, 0.3596,
0.4051

284.4640, 0.3346,
0.3630

 17.0808, 0.3662,
0.4170

339.6087, 0.3334,
0.3611

 10.2921, 0.3747,
0.4330

401.4557, 0.3323,

 5.5930, 0.3859,

0.3593

0.4558

470.3895, 0.3313,
0.3577

■ 2.5992, 0.4054,
0.4955

■ 0.9263, 0.4317,
0.5683

■ 95.8224, 0.3439,
0.3782

■ 95.8224, 0.3439,
0.3782

■ 94.1128, 0.3595,
0.4026

■ 97.7434, 0.3283,
0.3537

■ 92.5920, 0.3747,
0.4261

99.8721, 0.3133,
0.3299

■ 91.2537, 0.3888,
0.4476

99.9905, 0.3127,
0.3290

■ 90.0862, 0.4012,
0.4662

■ 89.0767, 0.4113,
0.4810

■ 88.2103, 0.4188,
0.4915

■ 87.4691, 0.4236,
0.4976

■ 86.8463, 0.4261,
0.4999

Harmonies

Analogous

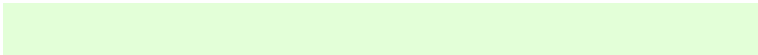
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.8224, 0.3627, 0.3683



95.8224, 0.3439, 0.3782



95.8224, 0.3172, 0.3740

Triad

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



95.8224, 0.3439, 0.3782



95.8224, 0.2605, 0.3053



95.8224, 0.3345, 0.3041

Complementary

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



95.8224, 0.3439, 0.3782



63.5501, 0.2786, 0.2745

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.



95.8224, 0.3063, 0.2887



95.8224, 0.3439, 0.3782



95.8224, 0.2646, 0.2885

Square

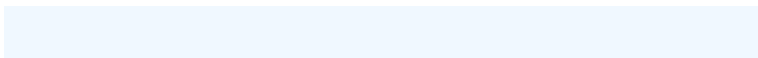
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



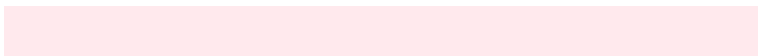
95.8224, 0.3439, 0.3782



95.8224, 0.2697, 0.3300



95.8224, 0.2809, 0.2829



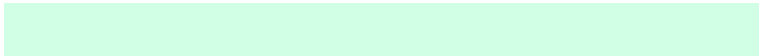
95.8224, 0.3574, 0.3256

Rectangle

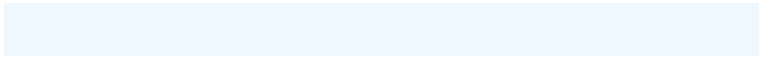
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.8224, 0.3439, 0.3782



95.8224, 0.2987, 0.3632



95.8224, 0.2809, 0.2829



95.8224, 0.3252, 0.2981

Sweetspot

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



95.8267, 0.3439, 0.3782



98.6914, 0.3217, 0.3432



68.4058, 0.3516, 0.3264



21.0945, 0.3227, 0.3448



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

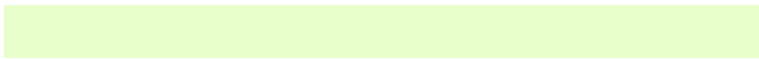
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.8267, 0.3439, 0.3782



95.2243, 0.3496, 0.3871



92.8858, 0.3281, 0.3826



20.9681, 0.3270, 0.3516



45.4506, 0.4259, 0.5000



4.4601, 0.4251, 0.5006

Inverse Universe

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



63.5501, 0.2786, 0.2745



58.1758, 0.2717, 0.2634



66.1658, 0.2946, 0.2749



17.4858, 0.2978, 0.3053



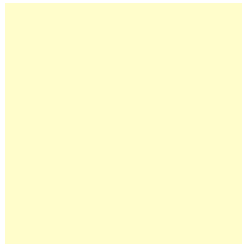
3.9268, 0.1506, 0.0622



0.4187, 0.1521, 0.0675

Previews

White Background



This preview shows how the Yxy color 95.8224, 0.3439, 0.3782 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 95.8224, 0.3439, 0.3782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

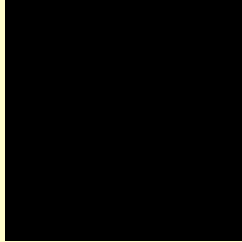
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.8224, 0.3439, 0.3782

Background



This preview shows how black text looks on a background with the Yxy color 95.8224, 0.3439, 0.3782.



This preview shows how white text looks on a background with the Yxy color 95.8224, 0.3439, 0.3782.

Color Blindness Simulation

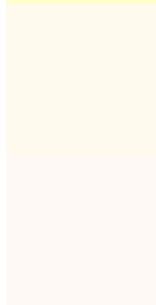
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.8224, 0.3439, 0.3782



Protanopia

95.7456, 0.3236, 0.3416

Deuteranopia

95.6652, 0.3183, 0.3319

Tritanopia

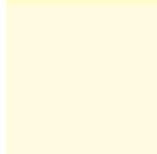
95.6148, 0.3130, 0.3223

Trichromacy



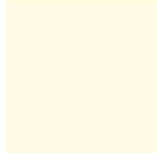
Original Color

95.8224, 0.3439, 0.3782



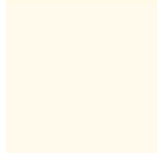
Protanomaly

95.6906, 0.3308, 0.3544



Deuteranomaly

95.3444, 0.3279, 0.3485



Tritanomaly

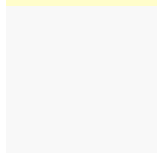
95.6873, 0.3243, 0.3426

Monochromacy



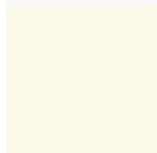
Original Color

95.8224, 0.3439, 0.3782



Achromatopsia

93.8686, 0.3127, 0.3290



Achromatomaly

94.7066, 0.3241, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.8224, 0.3439, 0.3782 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(255, 253, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 203)  
}
```

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(255, 253, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 203) }
```

Border

The CSS property to change the border of an element to Yxy 95.8224, 0.3439, 0.3782 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(255, 253, 203) }
```

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

```
.border{ border-color:rgb(255, 253, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 95.8224, 0.3439, 0.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 203) }
```

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

```
.background{ background-color: rgb(255,  
253, 203) }
```

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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