

Converting Colors

$Y_{xy}(102.4461, 0.3642, 0.3720)$

Have a look what the booklet for
Yxy(102.4461, 0.3642, 0.3720)
contains.

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Color

Yxy(95.9668, 0.3421, 0.3752)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDCE
RGB	255, 253, 206
RGB Percent	100%, 99%, 81%
CMY	0.0001, 0.0078, 0.1921
CMYK	0.00, 0.01, 0.19, 0.00
HSL	58°, 100%, 90%
HSV	58°, 19%, 100%
XYZ	87.5006, 95.9668, 72.3076
YIQ	248.2400, 16.2790, -14.1930

Conversions

Conversions Part 2

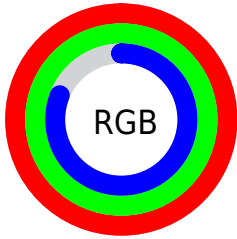
Format	Color
R _Y B	208, 255, 206
Decimal	16776654
CIE Lab	98.42, -6.78, 22.78
CIE LCh	98, 23.773, 106.583
Yxy	95.9668, 0.3421, 0.3752
Android (android.graphics.Color)	4294966734 (0xFFFFFDCE)
YUV	248.2400, -20.8243, 5.9285
Hunter-Lab	97.9626, -11.9977, 24.8111

Details

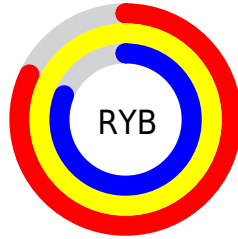
The Yxy color **95.9668, 0.3421, 0.3752** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.4411, 0.2808, 0.2782**, and the grayscale version is **94.2404, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.7526, 0.3479, 0.3840** is the 20% darker color. If you saturate the color by 10%, you get **94.1855, 0.3578, 0.3996**, and if you desaturate by 10%, it is **97.9611, 0.3266, 0.3508**.

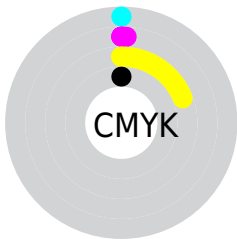
Distribution



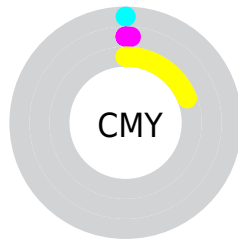
- Red (100%)
- Green (99%)
- Blue (81%)



- Red (82%)
- Yellow (100%)
- Blue (81%)



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.9668, 0.3421, 0.3752 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 95.9668, 0.3421, 0.3752 by changing the saturation by 10% instead.


 95.9668, 0.3421,
0.3752

 95.9668, 0.3421,
0.3752

547.2555, 0.3294,
0.3546

 72.9399, 0.3448,
0.3797


155.5996, 0.3378,
0.3682

 53.9268, 0.3481,
0.3852

192.9743, 0.3361,
0.3655

 38.5432, 0.3520,
0.3919

235.9004, 0.3346,
0.3631

 26.4045, 0.3570,
0.4005

284.7622, 0.3333,
0.3610

 17.1265, 0.3633,
0.4116

339.9443, 0.3322,
0.3591

 10.3247, 0.3715,
0.4268

401.8309, 0.3311,

 5.6148, 0.3824,

0.3575

0.4483

470.8065, 0.3302,
0.3560

■ 2.6123, 0.3998,
0.4840

■ 0.9329, 0.4357,
0.5643

■ 95.9668, 0.3421,
0.3752

■ 95.9668, 0.3421,
0.3752

■ 94.1855, 0.3578,
0.3996

■ 97.9611, 0.3266,
0.3508

■ 92.5947, 0.3731,
0.4232

99.9961, 0.3127,
0.3290

■ 91.1883, 0.3874,
0.4449

■ 89.9548, 0.4001,
0.4639

■ 88.8812, 0.4106,
0.4792

■ 87.9532, 0.4185,
0.4902

■ 87.1532, 0.4237,
0.4967

■ 86.4551, 0.4265,
0.4993

■ 86.4015, 0.4266,
0.4994

Harmonies

Analogous

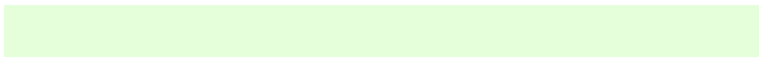
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.9668, 0.3597, 0.3661



95.9668, 0.3421, 0.3752



95.9668, 0.3170, 0.3712

Triad

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



95.9668, 0.3421, 0.3752



95.9668, 0.2636, 0.3068



95.9668, 0.3332, 0.3055

Complementary

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



95.9668, 0.3421, 0.3752



65.4411, 0.2808, 0.2782

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.



95.9668, 0.3067, 0.2910



95.9668, 0.3421, 0.3752



95.9668, 0.2673, 0.2909

Square

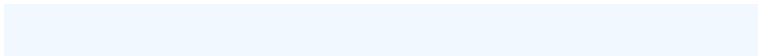
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



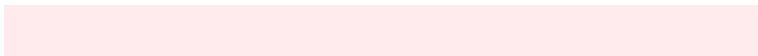
95.9668, 0.3421, 0.3752



95.9668, 0.2722, 0.3301



95.9668, 0.2828, 0.2856



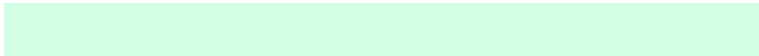
95.9668, 0.3547, 0.3259

Rectangle

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



95.9668, 0.3421, 0.3752



95.9668, 0.2996, 0.3611



95.9668, 0.2828, 0.2856



95.9668, 0.3245, 0.2998

Sweetspot

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



95.9711, 0.3421, 0.3752



98.6619, 0.3217, 0.3431



69.9789, 0.3489, 0.3266



21.0875, 0.3227, 0.3447



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

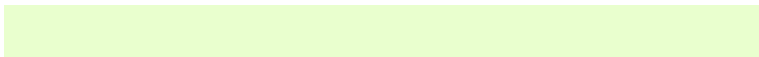
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.9711, 0.3421, 0.3752



95.2874, 0.3481, 0.3845



93.2775, 0.3273, 0.3793



20.9582, 0.3270, 0.3516



45.2101, 0.4265, 0.4996



4.4393, 0.4256, 0.5003

Inverse Universe

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



65.4411, 0.2808, 0.2782



59.7145, 0.2736, 0.2667



67.8662, 0.2958, 0.2783



17.4946, 0.2978, 0.3054



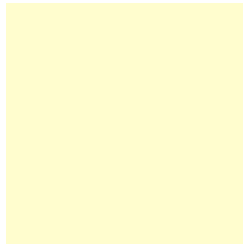
3.9394, 0.1507, 0.0624



0.4229, 0.1523, 0.0681

Previews

White Background



This preview shows how the Yxy color 95.9668, 0.3421, 0.3752 looks on a white background.

Color Contrast Check

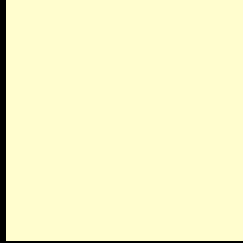
Large Text (above 18pt) WCAG AA × Fail

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 95.9668, 0.3421, 0.3752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

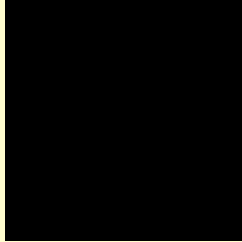
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.9668, 0.3421, 0.3752

Background



This preview shows how black text looks on a background with the Yxy color 95.9668, 0.3421, 0.3752.



This preview shows how white text looks on a background with the Yxy color 95.9668, 0.3421, 0.3752.

Color Blindness Simulation

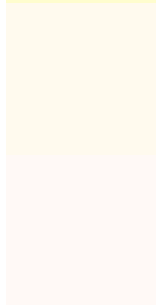
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.9668, 0.3421, 0.3752



Protanopia

95.8043, 0.3230, 0.3406

Deuteranopia

95.6652, 0.3183, 0.3319

Tritanopia

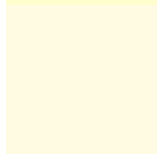
96.0422, 0.3124, 0.3233

Trichromacy



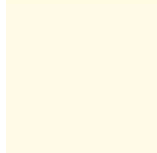
Original Color

95.9668, 0.3421, 0.3752



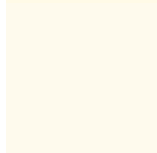
Protanomaly

95.7453, 0.3302, 0.3534



Deuteranomaly

95.4007, 0.3273, 0.3475



Tritanomaly

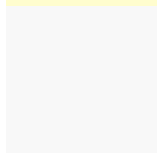
95.5565, 0.3230, 0.3416

Monochromacy



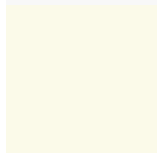
Original Color

95.9668, 0.3421, 0.3752



Achromatopsia

93.8686, 0.3127, 0.3290



Achromatomaly

94.7636, 0.3235, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.9668, 0.3421, 0.3752 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 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(255, 253, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 206) }
```

Border

The CSS property to change the border of an element to Yxy 95.9668, 0.3421, 0.3752 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, 206) }
```

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

```
.border{ border-color:rgb(255, 253, 206) }
```

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, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 95.9668, 0.3421, 0.3752 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, 206) }
```

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

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