

Converting Colors

$Yxy(96.1538, 0.3402, 0.3722)$

Have a look what the booklet for
Yxy(96.1538, 0.3402, 0.3722)
contains.

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Color

Yxy(96.1140, 0.3403, 0.3722)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDD1
RGB	255, 253, 209
RGB Percent	100%, 99%, 82%
CMY	0.0000, 0.0078, 0.1804
CMYK	0.00, 0.01, 0.18, 0.00
HSL	57°, 100%, 91%
HSV	57°, 18%, 100%
XYZ	87.8764, 96.1140, 74.2417
YIQ	248.5820, 15.3160, -13.2600

Conversions

Conversions Part 2

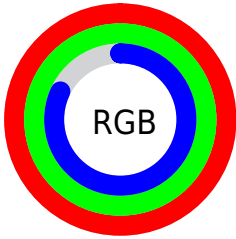
Format	Color
RYB	211, 255, 209
Decimal	16776657
CIELab	98.48, -6.34, 21.34
CIELCh	98, 22.265, 106.548
Yxy	96.1140, 0.3403, 0.3722
Android (android.graphics.Color)	4294966737 (0xFFFFFDD1)
YUV	248.5820, -19.5139, 5.6286
Hunter-Lab	98.0377, -11.5671, 23.7275

Details

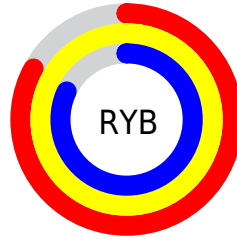
The Yxy color **96.1140, 0.3403, 0.3722** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.3633, 0.2830, 0.2818**, and the grayscale version is **94.5253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.8187, 0.3464, 0.3815** is the 20% darker color. If you saturate the color by 10%, you get **94.2559, 0.3560, 0.3966**, and if you desaturate by 10%, it is **98.1831, 0.3248, 0.3480**.

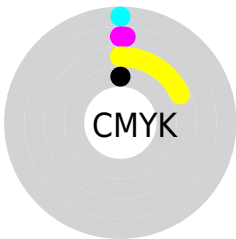
Distribution



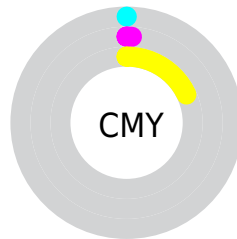
- Red (100%)
- Green (99%)
- Blue (82%)



- Red (83%)
- Yellow (100%)
- Blue (82%)



- Cyan (0%)
- Magenta (1%)
- Yellow (18%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.1140, 0.3403, 0.3722 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 96.1140, 0.3403, 0.3722 by changing the saturation by 10% instead.


 96.1140, 0.3403,
0.3722

 96.1140, 0.3403,
0.3722


547.7252, 0.3283,
0.3530

 73.0625, 0.3429,
0.3764


155.8027, 0.3363,
0.3657

 54.0271, 0.3459,
0.3815


193.2088, 0.3347,
0.3631

 38.6233, 0.3497,
0.3878


236.1685, 0.3333,
0.3609

 26.4668, 0.3544,
0.3958

285.0662, 0.3321,
0.3589

 17.1732, 0.3603,
0.4063

340.2863, 0.3310,
0.3572

 10.3580, 0.3682,
0.4205

402.2133, 0.3300,

 5.6370, 0.3788,

0.3556

0.4408

471.2314, 0.3291,
0.3542

■ 2.6256, 0.3945,
0.4731

■ 0.9396, 0.4397,
0.5603

■ 96.1140, 0.3403,
0.3722

■ 96.1140, 0.3403,
0.3722

■ 94.2559, 0.3560,
0.3966

■ 98.1831, 0.3248,
0.3480

■ 92.5920, 0.3714,
0.4202

100.0000, 0.3127,
0.3290

■ 91.1143, 0.3860,
0.4422

■ 89.8115, 0.3990,
0.4615

■ 88.6709, 0.4098,
0.4772

■ 87.6782, 0.4182,
0.4887

■ 86.8164, 0.4237,
0.4957

■ 86.0624, 0.4268,
0.4986

■ 85.9208, 0.4272,
0.4990

Harmonies

Analogous

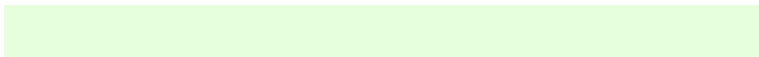
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.1140, 0.3567, 0.3638



96.1140, 0.3403, 0.3722



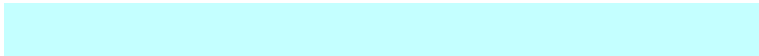
96.1140, 0.3168, 0.3684

Triad

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



96.1140, 0.3403, 0.3722



96.1140, 0.2666, 0.3083



96.1140, 0.3319, 0.3069

Complementary

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



96.1140, 0.3403, 0.3722



67.3633, 0.2830, 0.2818

Split Complementary

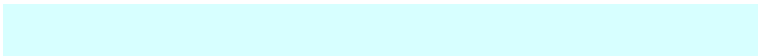
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.1140, 0.3071, 0.2933



96.1140, 0.3403, 0.3722



96.1140, 0.2701, 0.2934

Square

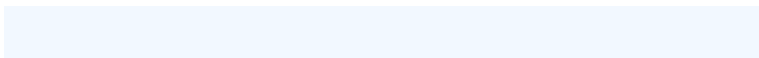
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



96.1140, 0.3403, 0.3722



96.1140, 0.2748, 0.3301



96.1140, 0.2847, 0.2883



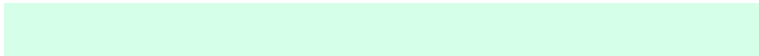
96.1140, 0.3519, 0.3261

Rectangle

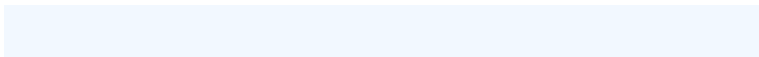
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.1140, 0.3403, 0.3722



96.1140, 0.3005, 0.3589



96.1140, 0.2847, 0.2883



96.1140, 0.3238, 0.3016

Sweetspot

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



96.1164, 0.3403, 0.3722



98.8533, 0.3202, 0.3407



71.5802, 0.3462, 0.3268



21.1251, 0.3212, 0.3424



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

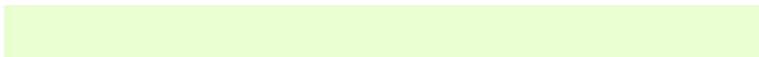
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.1164, 0.3403, 0.3722



95.3552, 0.3465, 0.3819



93.6669, 0.3264, 0.3760



20.9475, 0.3270, 0.3515



44.9549, 0.4271, 0.4991



4.4173, 0.4261, 0.4998

Inverse Universe

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



67.3633, 0.2830, 0.2818



61.2780, 0.2756, 0.2700



69.5954, 0.2969, 0.2816



17.5041, 0.2978, 0.3055



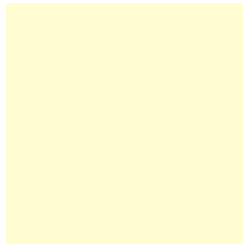
3.9528, 0.1507, 0.0626



0.4274, 0.1524, 0.0687

Previews

White Background



This preview shows how the Yxy color 96.1140, 0.3403, 0.3722 looks on a white background.

Color Contrast Check

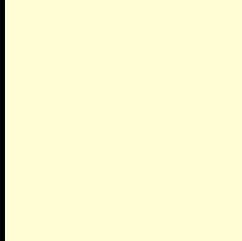
Large Text (above 18pt) WCAG AA × Fail

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 96.1140, 0.3403, 0.3722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

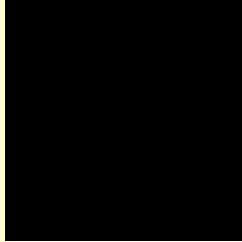
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.1140, 0.3403, 0.3722

Background



This preview shows how black text looks on a background with the Yxy color 96.1140, 0.3403, 0.3722.

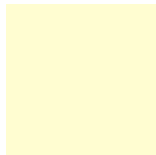


This preview shows how white text looks on a background with the Yxy color 96.1140, 0.3403, 0.3722.

Color Blindness Simulation

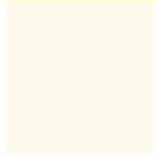
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



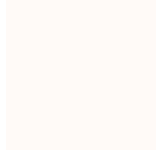
Original Color

96.1140, 0.3403, 0.3722



Protanopia

95.8043, 0.3230, 0.3406



Deuteranopia

96.3466, 0.3177, 0.3319

Tritanopia

96.0422, 0.3124, 0.3233

Trichromacy



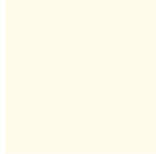
Original Color

96.1140, 0.3403, 0.3722



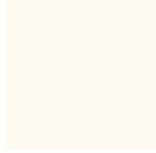
Protanomaly

95.8004, 0.3296, 0.3524



Deuteranomaly

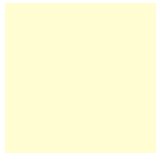
96.1376, 0.3260, 0.3465



Tritanomaly

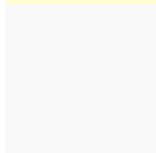
95.6151, 0.3224, 0.3407

Monochromacy



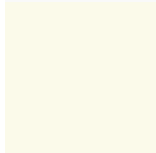
Original Color

96.1140, 0.3403, 0.3722



Achromatopsia

94.7307, 0.3127, 0.3290



Achromatomaly

94.8210, 0.3229, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.1140, 0.3403, 0.3722 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 209) }
```

Border

The CSS property to change the border of an element to Yxy 96.1140, 0.3403, 0.3722 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, 209) }
```

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

```
.border{ border-color:rgb(255, 253, 209) }
```

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, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 96.1140, 0.3403, 0.3722 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, 209) }
```

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

```
.background{ background-color: rgb(255,  
253, 209) }
```

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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