

Converting Colors

$Y_{xy}(100.0000, 0.3692, 0.3727)$

Have a look what the booklet for
Yxy(100.0000, 0.3692, 0.3727)
contains.

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Color

Yxy(93.2284, 0.3459, 0.3765)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9C9
RGB	255, 249, 201
RGB Percent	100%, 98%, 79%
CMY	0.0001, 0.0235, 0.2118
CMYK	0.00, 0.02, 0.21, 0.00
HSL	53°, 100%, 89%
HSV	53°, 21%, 100%
XYZ	85.6513, 93.2284, 68.7389
YIQ	245.3220, 18.9840, -13.6560

Conversions

Conversions Part 2

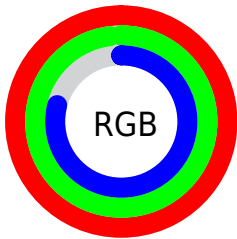
Format	Color
R _Y B	208, 255, 201
Decimal	16775625
CIE Lab	97.32, -5.50, 23.81
CIE LCh	97, 24.435, 103.007
Yxy	93.2284, 0.3459, 0.3765
Android (android.graphics.Color)	4294965705 (0xFFFFF9C9)
YUV	245.3220, -21.8507, 8.4876
Hunter-Lab	96.5549, -10.6283, 25.3789

Details

The Yxy color **93.2284, 0.3459, 0.3765** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **64.2438, 0.2774, 0.2766**, and the grayscale version is **91.7514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.2523, 0.3526, 0.3869** is the 20% darker color. If you saturate the color by 10%, you get **90.4025, 0.3624, 0.3993**, and if you desaturate by 10%, it is **96.2879, 0.3298, 0.3537**.

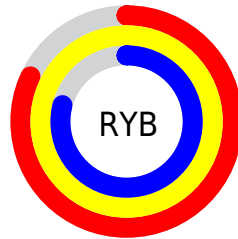
Distribution



Red (100%)

Green (98%)

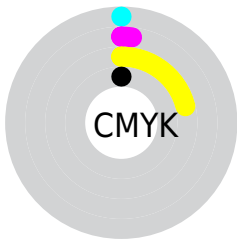
Blue (79%)



Red (82%)

Yellow (100%)

Blue (79%)

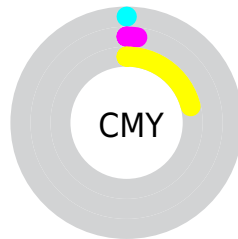


Cyan (0%)

Magenta (2%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (2%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.2284, 0.3459, 0.3765 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 93.2284, 0.3459, 0.3765 by changing the saturation by 10% instead.


 93.2284, 0.3459,
0.3765

 93.2284, 0.3459,
0.3765

538.4777, 0.3314,
0.3553

 70.6614, 0.3490,
0.3811


151.8148, 0.3410,
0.3693

 52.0659, 0.3527,
0.3868


188.6029, 0.3391,
0.3665

 37.0576, 0.3573,
0.3937


230.9002, 0.3374,
0.3640

 25.2521, 0.3630,
0.4026

279.0910, 0.3359,
0.3618

 16.2650, 0.3703,
0.4141

333.5598, 0.3346,
0.3599

 9.7118, 0.3798,
0.4298

394.6909, 0.3334,

 5.2083, 0.3926,

0.3582

0.4518

462.8687, 0.3324,
0.3567

■ 2.3700, 0.4177,
0.4941

■ 0.8104, 0.4397,
0.5603

■ 93.2284, 0.3459,
0.3765

■ 93.2284, 0.3459,
0.3765

■ 90.4025, 0.3624,
0.3993

■ 96.2879, 0.3298,
0.3537

■ 87.7878, 0.3787,
0.4214

■ 99.5777, 0.3144,
0.3315

■ 85.3777, 0.3943,
0.4417

■ 99.9952, 0.3127,
0.3290

■ 83.1604, 0.4085,
0.4592

■ 81.1225, 0.4206,
0.4730

■ 79.2490, 0.4301,
0.4824

■ 77.5217, 0.4368,
0.4873

■ 76.0929, 0.4406,
0.4884

Harmonies

Analogous

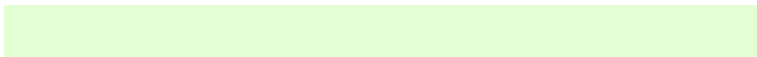
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.2284, 0.3629, 0.3655



93.2284, 0.3459, 0.3765



93.2284, 0.3204, 0.3741

Triad

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



93.2284, 0.3459, 0.3765



93.2284, 0.2622, 0.3085



93.2284, 0.3308, 0.3025

Complementary

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



93.2284, 0.3459, 0.3765



64.2438, 0.2774, 0.2766

Split Complementary

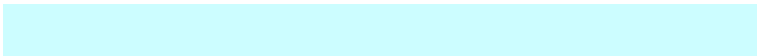
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.2284, 0.3032, 0.2884



93.2284, 0.3459, 0.3765



93.2284, 0.2645, 0.2909

Square

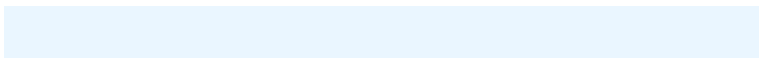
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.2284, 0.3459, 0.3765



93.2284, 0.2726, 0.3332



93.2284, 0.2792, 0.2841



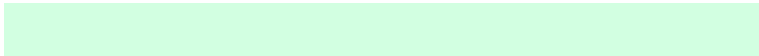
93.2284, 0.3541, 0.3230

Rectangle

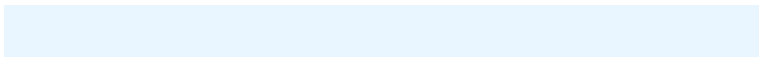
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.2284, 0.3459, 0.3765



93.2284, 0.3022, 0.3646



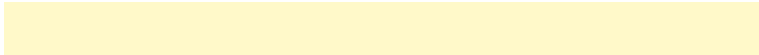
93.2284, 0.2792, 0.2841



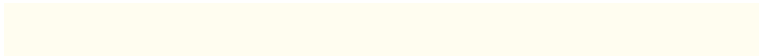
93.2284, 0.3216, 0.2969

Sweetspot

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



93.2326, 0.3459, 0.3765



97.9801, 0.3218, 0.3421



67.5491, 0.3507, 0.3226



20.9258, 0.3228, 0.3436



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.



93.2326, 0.3459, 0.3765



92.1426, 0.3522, 0.3853



93.2619, 0.3311, 0.3844



20.7278, 0.3272, 0.3499



39.9066, 0.4402, 0.4887



3.9792, 0.4375, 0.4908

Inverse Universe

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



64.2438, 0.2774, 0.2766



58.8499, 0.2702, 0.2657



64.4736, 0.2912, 0.2722



17.7005, 0.2979, 0.3072



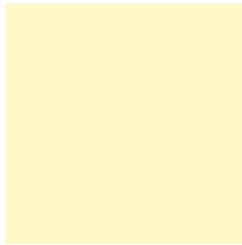
4.3134, 0.1521, 0.0676



0.5202, 0.1560, 0.0816

Previews

White Background



This preview shows how the Yxy color 93.2284, 0.3459, 0.3765 looks on a white background.

Color Contrast Check

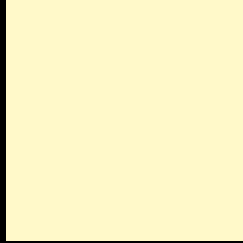
Large Text (above 18pt) WCAG AA × Fail

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 93.2284, 0.3459, 0.3765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

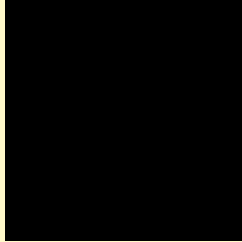
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.2284, 0.3459, 0.3765

Background



This preview shows how black text looks on a background with the Yxy color 93.2284, 0.3459, 0.3765.

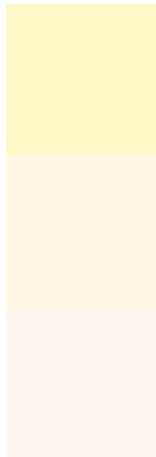


This preview shows how white text looks on a background with the Yxy color 93.2284, 0.3459, 0.3765.

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

93.2284, 0.3459, 0.3765

Protanopia

93.2178, 0.3313, 0.3506

Deuteranopia

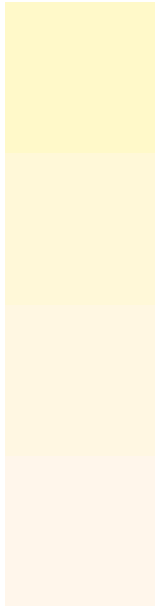
93.4628, 0.3222, 0.3348



Tritanopia

93.1171, 0.3138, 0.3194

Trichromacy



Original Color

93.2284, 0.3459, 0.3765

Protanomaly

93.3527, 0.3368, 0.3605

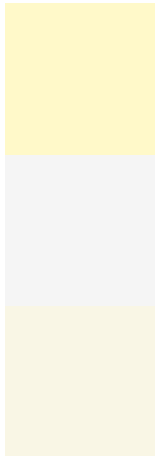
Deuteranomaly

93.2725, 0.3307, 0.3496

Tritanomaly

93.1697, 0.3252, 0.3397

Monochromacy



Original Color

93.2284, 0.3459, 0.3765

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.7084, 0.3250, 0.3459

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.2284, 0.3459, 0.3765 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, 249, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 201)  
}
```

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, 249, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 201) }
```

Border

The CSS property to change the border of an element to Yxy 93.2284, 0.3459, 0.3765 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, 249, 201) }
```

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

```
.border{ border-color:rgb(255, 249, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 93.2284, 0.3459, 0.3765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 201) }
```

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

```
.background{ background-color: rgb(255,  
249, 201) }
```

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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