

Converting Colors

$Y_{xy}(100.0000, 0.3504, 0.3576)$

Have a look what the booklet for
Yxy(100.0000, 0.3504, 0.3576)
contains.

Yxy(94.7985, 0.3340, 0.3584)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(94.7985, 0.3340, 0.3584)

Conversions

Conversions Part 1

Format	Color
Hex	FFFADC
RGB	255, 250, 220
RGB Percent	100%, 98%, 86%
CMY	0.0000, 0.0196, 0.1372
CMYK	0.00, 0.02, 0.14, 0.00
HSL	51°, 100%, 93%
HSV	51°, 14%, 100%
XYZ	88.3446, 94.7985, 81.3617
YIQ	248.0750, 12.6100, -8.2700

Conversions

Conversions Part 2

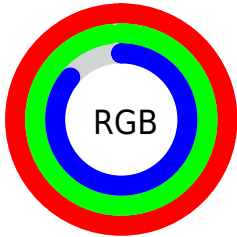
Format	Color
R _Y B	226, 255, 220
Decimal	16775900
CIE Lab	97.95, -3.22, 14.98
CIE LCh	98, 15.323, 102.117
Yxy	94.7985, 0.3340, 0.3584
Android (android.graphics.Color)	4294965980 (0xFFFFFADC)
YUV	248.0750, -13.8410, 6.0732
Hunter-Lab	97.3645, -8.4243, 18.6101

Details

The Yxy color **94.7985, 0.3340, 0.3584** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **76.2929, 0.2908, 0.2978**, and the grayscale version is **94.0446, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.3060, 0.3383, 0.3652** is the 20% darker color. If you saturate the color by 10%, you get **91.3129, 0.3505, 0.3805**, and if you desaturate by 10%, it is **98.5422, 0.3183, 0.3368**.

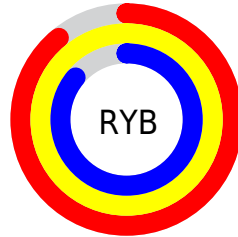
Distribution



Red (100%)

Green (98%)

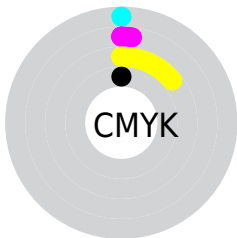
Blue (86%)



Red (89%)

Yellow (100%)

Blue (86%)

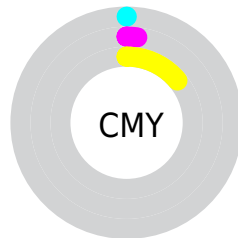


Cyan (0%)

Magenta (2%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (2%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.7985, 0.3340, 0.3584 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 94.7985, 0.3340, 0.3584 by changing the saturation by 10% instead.


 94.7985, 0.3340,
0.3584

 94.7985, 0.3340,
0.3584


543.5197, 0.3247,
0.3454

 71.9673, 0.3360,
0.3613


153.9862, 0.3309,
0.3540

 53.1319, 0.3385,
0.3647


191.1115, 0.3296,
0.3522

 37.9081, 0.3415,
0.3690


233.7702, 0.3285,
0.3507

 25.9114, 0.3453,
0.3745

282.3468, 0.3276,
0.3494

 16.7574, 0.3502,
0.3817

337.2256, 0.3267,
0.3482

 10.0616, 0.3569,
0.3915

398.7911, 0.3260,

 5.4398, 0.3663,

0.3471

0.4056

467.4277, 0.3253,
0.3462

■ 2.5076, 0.3804,
0.4278

■ 0.8804, 0.4627,
0.5373

■ 94.7985, 0.3340,
0.3584

■ 94.7985, 0.3340,
0.3584

■ 91.3129, 0.3505,
0.3805

■ 98.5422, 0.3183,
0.3368

■ 88.0633, 0.3674,
0.4026

99.9996, 0.3127,
0.3290

■ 85.0436, 0.3843,
0.4237

■ 82.2427, 0.4004,
0.4429

■ 79.6482, 0.4150,
0.4592

■ 77.2465, 0.4276,
0.4715

■ 75.0216, 0.4374,
0.4794

■ 72.9540, 0.4443,
0.4827

■ 71.7184, 0.4475,
0.4829

Harmonies

Analogous

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



94.7985, 0.3441, 0.3519



94.7985, 0.3340, 0.3584



94.7985, 0.3183, 0.3568

Triad

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



94.7985, 0.3340, 0.3584



94.7985, 0.2808, 0.3170



94.7985, 0.3236, 0.3119

Complementary

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



94.7985, 0.3340, 0.3584



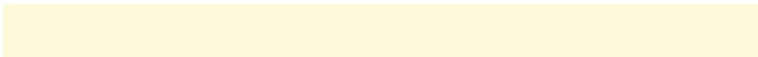
76.2929, 0.2908, 0.2978

Split Complementary

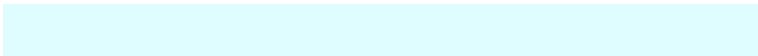
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.7985, 0.3064, 0.3030



94.7985, 0.3340, 0.3584



94.7985, 0.2821, 0.3055

Square

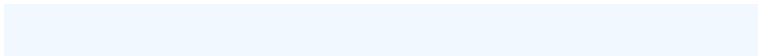
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.7985, 0.3340, 0.3584



94.7985, 0.2878, 0.3323



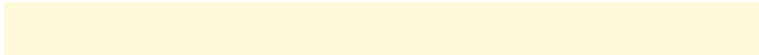
94.7985, 0.2914, 0.3006



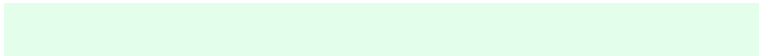
94.7985, 0.3381, 0.3251

Rectangle

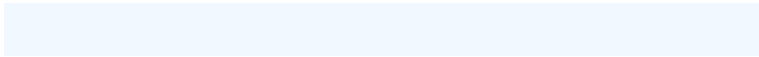
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.7985, 0.3340, 0.3584



94.7985, 0.3069, 0.3511



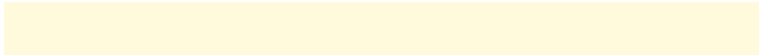
94.7985, 0.2914, 0.3006



94.7985, 0.3179, 0.3083

Sweetspot

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



94.8027, 0.3340, 0.3584



98.4351, 0.3187, 0.3374



77.9051, 0.3344, 0.3238



21.0072, 0.3199, 0.3390



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

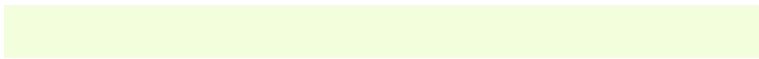
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.8027, 0.3340, 0.3584



93.9864, 0.3377, 0.3634



95.6979, 0.3254, 0.3640



20.6227, 0.3273, 0.3492



37.6444, 0.4470, 0.4833



3.7811, 0.4433, 0.4862

Inverse Universe

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



76.2929, 0.2908, 0.2978



72.7444, 0.2868, 0.2921



75.6140, 0.2988, 0.2933



17.7958, 0.2979, 0.3080



4.5700, 0.1531, 0.0712



0.5648, 0.1577, 0.0876

Previews

White Background



This preview shows how the Yxy color 94.7985, 0.3340, 0.3584 looks on a white background.

Color Contrast Check

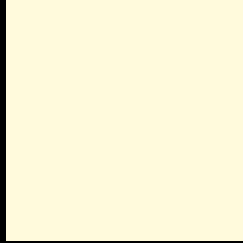
Large Text (above 18pt) WCAG AA × Fail

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 94.7985, 0.3340, 0.3584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

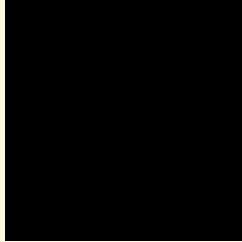
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.7985, 0.3340, 0.3584

Background



This preview shows how black text looks on a background with the Yxy color 94.7985, 0.3340, 0.3584.

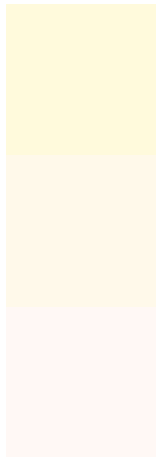


This preview shows how white text looks on a background with the Yxy color 94.7985, 0.3340, 0.3584.

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

94.7985, 0.3340, 0.3584

Protanopia

94.9519, 0.3256, 0.3436

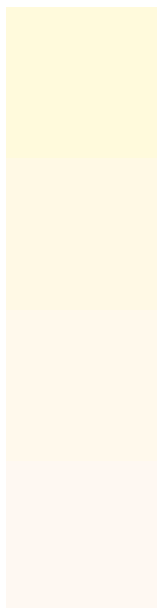
Deuteranopia

94.9874, 0.3190, 0.3319

Tritanopia

94.8124, 0.3124, 0.3213

Trichromacy



Original Color

94.7985, 0.3340, 0.3584

Protanomaly

94.6685, 0.3286, 0.3485

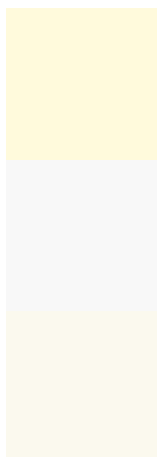
Deuteranomaly

95.0675, 0.3243, 0.3416

Tritanomaly

94.6164, 0.3201, 0.3348

Monochromacy



Original Color

94.7985, 0.3340, 0.3584

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.4336, 0.3205, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.7985, 0.3340, 0.3584 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, 250, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 220)  
}
```

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, 250, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 220) }
```

Border

The CSS property to change the border of an element to Yxy 94.7985, 0.3340, 0.3584 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, 250, 220) }
```

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

```
.border{ border-color:rgb(255, 250, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 94.7985, 0.3340, 0.3584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 220) }
```

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

```
.background{ background-color: rgb(255,  
250, 220) }
```

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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