

Converting Colors

$Yxy(96.4977, 0.3342, 0.3542)$

Have a look what the booklet for
Yxy(96.4977, 0.3342, 0.3542)
contains.

Yxy(95.6906, 0.3308, 0.3544)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(95.6906, 0.3308, 0.3544)

Conversions

Conversions Part 1

Format	Color
Hex	FFFBE1
RGB	255, 251, 225
RGB Percent	100%, 98%, 88%
CMY	0.0001, 0.0156, 0.1176
CMYK	0.00, 0.02, 0.12, 0.00
HSL	52°, 100%, 94%
HSV	52°, 12%, 100%
XYZ	89.3184, 95.6906, 84.9983
YIQ	249.2320, 10.7300, -7.2380

Conversions

Conversions Part 2

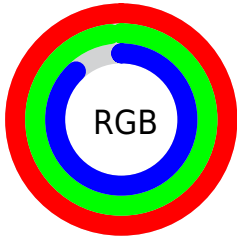
Format	Color
R _Y B	230, 255, 225
Decimal	16776161
CIE Lab	98.31, -2.97, 12.93
CIE LCh	98, 13.267, 102.918
Yxy	95.6906, 0.3308, 0.3544
Android (android.graphics.Color)	4294966241 (0xFFFFFBE1)
YUV	249.2320, -11.9464, 5.0585
Hunter-Lab	97.8216, -8.2039, 16.9573

Details

The Yxy color 95.6906, 0.3308, 0.3544 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 79.2388, 0.2941, 0.3023, and the grayscale version is 95.0249, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.9383, 0.3342, 0.3601 is the 20% darker color. If you saturate the color by 10%, you get 92.3242, 0.3471, 0.3767, and if you desaturate by 10%, it is 99.3105, 0.3153, 0.3327.

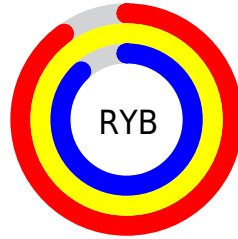
Distribution



Red (100%)

Green (98%)

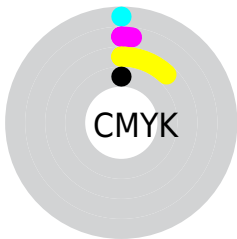
Blue (88%)



Red (90%)

Yellow (100%)

Blue (88%)

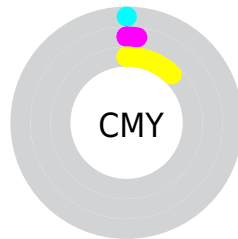


Cyan (0%)

Magenta (2%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (2%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.6906, 0.3308, 0.3544 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 95.6906, 0.3308, 0.3544 by changing the saturation by 10% instead.

 95.6906, 0.3308,
0.3544

 95.6906, 0.3308,
0.3544

546.3735, 0.3229,
0.3432

 72.7099, 0.3325,
0.3569

155.2183, 0.3281,
0.3506

 53.7388, 0.3346,
0.3598


192.5342, 0.3271,
0.3491

 38.3929, 0.3371,
0.3635


235.3972, 0.3261,
0.3478

 26.2877, 0.3404,
0.3682

284.1917, 0.3253,
0.3466

 17.0390, 0.3446,
0.3744

339.3023, 0.3246,
0.3456

 10.2623, 0.3502,
0.3829

401.1131, 0.3240,

 5.5732, 0.3583,

0.3447

470.0087, 0.3234,
0.3439

0.3951

■ 2.5874, 0.3705,
0.4143

■ 0.9203, 0.4407,
0.5057

■ 95.6906, 0.3308,
0.3544

■ 95.6906, 0.3308,
0.3544

■ 92.3242, 0.3471,
0.3767

■ 99.3105, 0.3153,
0.3327

■ 89.1893, 0.3638,
0.3991

99.9935, 0.3127,
0.3290

■ 86.2800, 0.3805,
0.4207

■ 83.5855, 0.3966,
0.4405

■ 81.0937, 0.4113,
0.4575

■ 78.7913, 0.4239,
0.4709

■ 76.6629, 0.4339,
0.4798

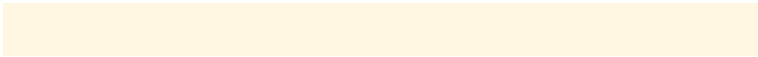
■ 74.6900, 0.4411,
0.4841

■ 73.1566, 0.4451,
0.4848

Harmonies

Analogous

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



95.6906, 0.3397, 0.3490



95.6906, 0.3308, 0.3544



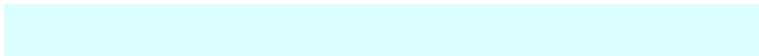
95.6906, 0.3172, 0.3528

Triad

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



95.6906, 0.3308, 0.3544



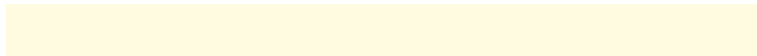
95.6906, 0.2851, 0.3184



95.6906, 0.3225, 0.3144

Complementary

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



95.6906, 0.3308, 0.3544



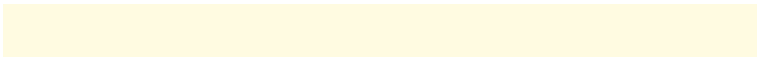
79.2388, 0.2941, 0.3023

Split Complementary

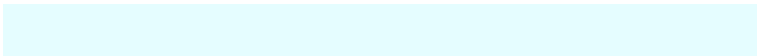
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.6906, 0.3077, 0.3066



95.6906, 0.3308, 0.3544



95.6906, 0.2864, 0.3086

Square

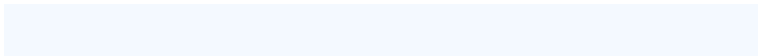
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.6906, 0.3308, 0.3544



95.6906, 0.2909, 0.3315



95.6906, 0.2946, 0.3044



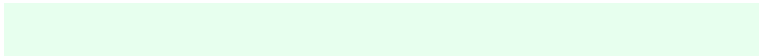
95.6906, 0.3349, 0.3260

Rectangle

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



95.6906, 0.3308, 0.3544



95.6906, 0.3073, 0.3478



95.6906, 0.2946, 0.3044



95.6906, 0.3177, 0.3113

Sweetspot

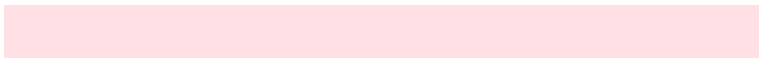
The Sweet Spot groups the original color and five complimentary colors.



95.6948, 0.3308, 0.3544



98.5056, 0.3187, 0.3375



80.7633, 0.3313, 0.3251



21.0251, 0.3199, 0.3391



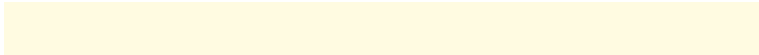
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



95.6948, 0.3308, 0.3544



94.9447, 0.3344, 0.3594



96.1642, 0.3232, 0.3588



20.6582, 0.3272, 0.3495



38.3965, 0.4447, 0.4851



3.8471, 0.4413, 0.4878

Inverse Universe

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



79.2388, 0.2941, 0.3023



75.6409, 0.2903, 0.2967



78.9017, 0.3013, 0.2988



17.7636, 0.2979, 0.3077



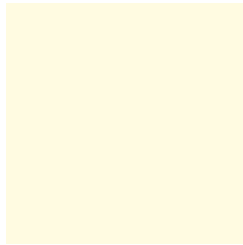
4.4768, 0.1528, 0.0699



0.5497, 0.1571, 0.0856

Previews

White Background



This preview shows how the Yxy color 95.6906, 0.3308, 0.3544 looks on a white background.

Color Contrast Check

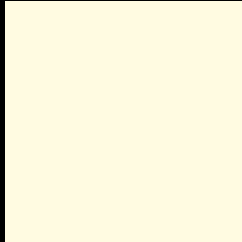
Large Text (above 18pt) WCAG AA × Fail

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 95.6906, 0.3308, 0.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

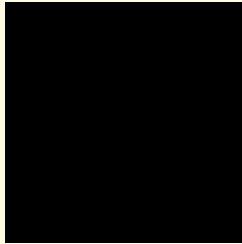
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.6906, 0.3308, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 95.6906, 0.3308, 0.3544.

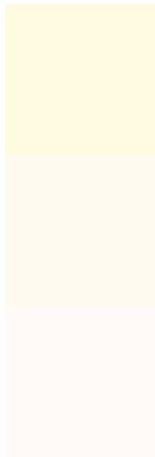


This preview shows how white text looks on a background with the Yxy color 95.6906, 0.3308, 0.3544.

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

95.6906, 0.3308, 0.3544

Protanopia

95.8632, 0.3224, 0.3397

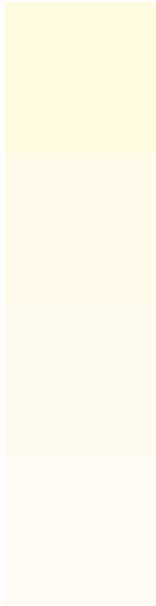
Deuteranopia

95.7268, 0.3177, 0.3309

Tritanopia

96.0422, 0.3124, 0.3233

Trichromacy



Original Color

95.6906, 0.3308, 0.3544

Protanomaly

95.5717, 0.3255, 0.3446

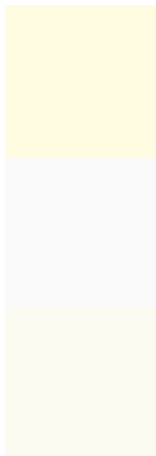
Deuteranomaly

95.8632, 0.3224, 0.3397

Tritanomaly

95.9737, 0.3188, 0.3348

Monochromacy



Original Color

95.6906, 0.3308, 0.3544

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

95.1717, 0.3193, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.6906, 0.3308, 0.3544 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, 251, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 225)  
}
```

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, 251, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 225) }
```

Border

The CSS property to change the border of an element to Yxy 95.6906, 0.3308, 0.3544 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, 251, 225) }
```

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

```
.border{ border-color:rgb(255, 251, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 95.6906, 0.3308, 0.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 225) }
```

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

```
.background{ background-color: rgb(255,  
251, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor