

Converting Colors

$Yxy(96.7289, 0.3322, 0.3592)$

Have a look what the booklet for
Yxy(96.7289, 0.3322, 0.3592)
contains.

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Color

Yxy(96.7845, 0.3324, 0.3593)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDDE
RGB	255, 253, 222
RGB Percent	100%, 99%, 87%
CMY	0.0001, 0.0078, 0.1295
CMYK	0.00, 0.01, 0.13, 0.00
HSL	56°, 100%, 94%
HSV	56°, 13%, 100%
XYZ	89.5385, 96.7845, 83.0467
YIQ	250.0640, 11.1430, -9.2170

Conversions

Conversions Part 2

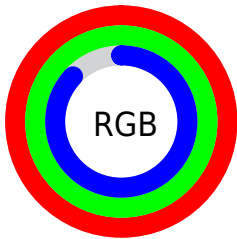
Format	Color
RYB	224, 255, 222
Decimal	16776670
CIELab	98.74, -4.43, 15.10
CIELCh	99, 15.737, 106.367
Yxy	96.7845, 0.3324, 0.3593
Android (android.graphics.Color)	4294966750 (0xFFFFFDDE)
YUV	250.0640, -13.8356, 4.3289
Hunter-Lab	98.3791, -9.7040, 18.8158

Details

The Yxy color 96.7845, 0.3324, 0.3593 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 76.0127, 0.2920, 0.2968, and the grayscale version is 95.7613, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.2756, 0.3363, 0.3651 is the 20% darker color. If you saturate the color by 10%, you get 94.5745, 0.3482, 0.3833, and if you desaturate by 10%, it is 99.2173, 0.3171, 0.3358.

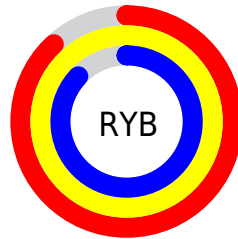
Distribution



Red (100%)

Green (99%)

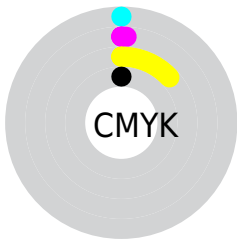
Blue (87%)



Red (88%)

Yellow (100%)

Blue (87%)

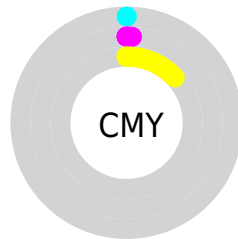


Cyan (0%)

Magenta (1%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (1%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.7845, 0.3324, 0.3593 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 96.7845, 0.3324, 0.3593 by changing the saturation by 10% instead.


 96.7845, 0.3324,
0.3593

 96.7845, 0.3324,
0.3593

549.8622, 0.3238,
0.3459

 73.6211, 0.3342,
0.3622


156.7277, 0.3295,
0.3548

 54.4840, 0.3365,
0.3658


194.2762, 0.3284,
0.3530

 38.9887, 0.3392,
0.3702


237.3886, 0.3274,
0.3514

 26.7510, 0.3426,
0.3758


286.4493, 0.3265,
0.3500

 17.3863, 0.3471,
0.3832

341.8426, 0.3257,
0.3488

 10.5103, 0.3530,
0.3932

403.9529, 0.3250,

 5.7386, 0.3614,

0.3477

0.4077

473.1647, 0.3244,
0.3467

■ 2.6868, 0.3737,
0.4303

■ 0.9705, 0.4555,
0.5445

■ 96.7845, 0.3324,
0.3593

■ 96.7845, 0.3324,
0.3593

■ 94.5745, 0.3482,
0.3833

■ 99.2173, 0.3171,
0.3358

■ 92.5652, 0.3640,
0.4072

99.9945, 0.3127,
0.3290

■ 90.7510, 0.3794,
0.4298

■ 89.1210, 0.3936,
0.4504

■ 87.6632, 0.4060,
0.4679

■ 86.3642, 0.4161,
0.4815

■ 85.2086, 0.4236,
0.4906

■ 84.1774, 0.4283,
0.4953

■ 83.5054, 0.4303,
0.4966

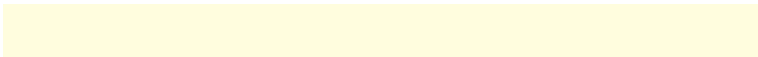
Harmonies

Analogous

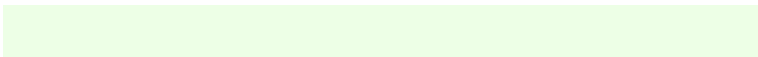
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.7845, 0.3438, 0.3537



96.7845, 0.3324, 0.3593



96.7845, 0.3159, 0.3564

Triad

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



96.7845, 0.3324, 0.3593



96.7845, 0.2799, 0.3147



96.7845, 0.3262, 0.3132

Complementary

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



96.7845, 0.3324, 0.3593



76.0127, 0.2920, 0.2968

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.



96.7845, 0.3088, 0.3034



96.7845, 0.3324, 0.3593



96.7845, 0.2824, 0.3039

Square

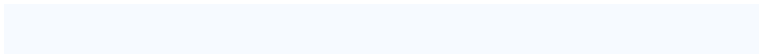
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



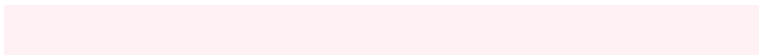
96.7845, 0.3324, 0.3593



96.7845, 0.2858, 0.3301



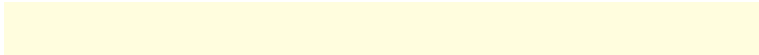
96.7845, 0.2928, 0.2999



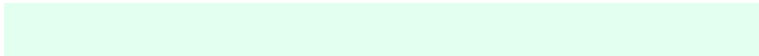
96.7845, 0.3402, 0.3271

Rectangle

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



96.7845, 0.3324, 0.3593



96.7845, 0.3044, 0.3499



96.7845, 0.2928, 0.2999



96.7845, 0.3205, 0.3094

Sweetspot

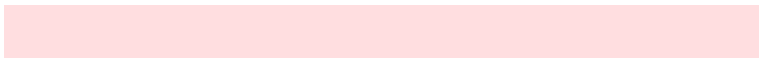
The Sweet Spot groups the original color and five complimentary colors.



96.7888, 0.3324, 0.3593



98.9758, 0.3187, 0.3382



78.8720, 0.3349, 0.3269



21.1445, 0.3198, 0.3400



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.



96.7888, 0.3324, 0.3593



96.1144, 0.3372, 0.3666



95.4166, 0.3229, 0.3621



20.8957, 0.3271, 0.3511



43.7240, 0.4301, 0.4967



4.3110, 0.4287, 0.4978

Inverse Universe

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



76.0127, 0.2920, 0.2968



70.9734, 0.2867, 0.2884



77.3237, 0.3015, 0.2957



17.5501, 0.2978, 0.3059



4.0193, 0.1510, 0.0635



0.4492, 0.1533, 0.0718

Previews

White Background



This preview shows how the Yxy color 96.7845, 0.3324, 0.3593 looks on a white background.

Color Contrast Check

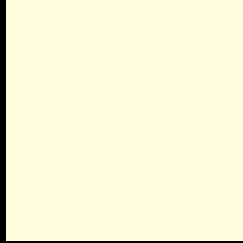
Large Text (above 18pt) WCAG AA × Fail

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 96.7845, 0.3324, 0.3593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

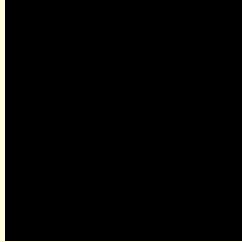
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.7845, 0.3324, 0.3593

Background



This preview shows how black text looks on a background with the Yxy color 96.7845, 0.3324, 0.3593.



This preview shows how white text looks on a background with the Yxy color 96.7845, 0.3324, 0.3593.

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

96.7845, 0.3324, 0.3593



Protanopia

96.6652, 0.3206, 0.3377

Deuteranopia

97.0939, 0.3164, 0.3309

Tritanopia

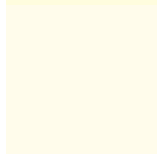
96.6620, 0.3123, 0.3242

Trichromacy



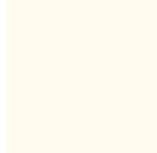
Original Color

96.7845, 0.3324, 0.3593



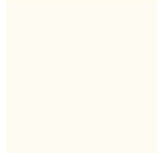
Protanomaly

96.8790, 0.3247, 0.3455



Deuteranomaly

97.1128, 0.3223, 0.3416



Tritanomaly

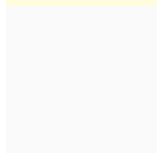
96.5363, 0.3193, 0.3367

Monochromacy



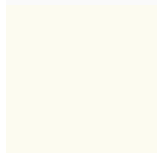
Original Color

96.7845, 0.3324, 0.3593



Achromatopsia

95.5973, 0.3127, 0.3290



Achromatomaly

95.9811, 0.3198, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.7845, 0.3324, 0.3593 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 222) }
```

Border

The CSS property to change the border of an element to Yxy 96.7845, 0.3324, 0.3593 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, 222) }
```

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

```
.border{ border-color:rgb(255, 253, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 96.7845, 0.3324, 0.3593 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, 222) }
```

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

```
.background{ background-color: rgb(255,  
253, 222) }
```

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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