

Converting Colors

$Y_{xy}(100.0000, 0.3463, 0.3618)$

Have a look what the booklet for
Yxy(100.0000, 0.3463, 0.3618)
contains.

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Color

Yxy(96.5725, 0.3348, 0.3632)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDDA
RGB	255, 253, 218
RGB Percent	100%, 99%, 85%
CMY	0.0000, 0.0078, 0.1450
CMYK	0.00, 0.01, 0.14, 0.00
HSL	57°, 100%, 93%
HSV	57°, 14%, 100%
XYZ	89.0211, 96.5725, 80.2998
YIQ	249.6080, 12.4270, -10.4610

Conversions

Conversions Part 2

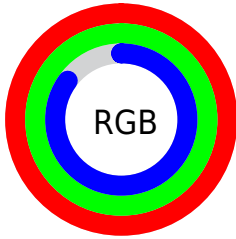
Format	Color
R_{YB}	220, 255, 218
Decimal	16776666
CIE Lab	98.66, -5.02, 16.99
CIE LCh	99, 17.718, 106.455
Yxy	96.5725, 0.3348, 0.3632
Android (android.graphics.Color)	4294966746 (0xFFFFFDDA)
YUV	249.6080, -15.5827, 4.7288
Hunter-Lab	98.2713, -10.2768, 20.3426

Details

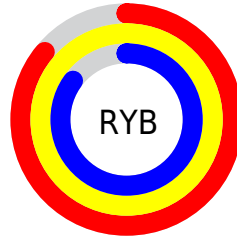
The Yxy color **96.5725, 0.3348, 0.3632** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.3269, 0.2893, 0.2923**, and the grayscale version is **95.3846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.1300, 0.3394, 0.3701** is the 20% darker color. If you saturate the color by 10%, you get **94.4804, 0.3506, 0.3874**, and if you desaturate by 10%, it is **98.8847, 0.3194, 0.3394**.

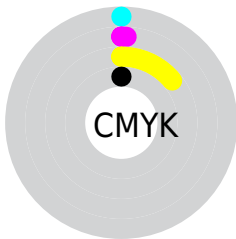
Distribution



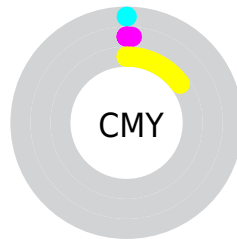
- Red (100%)
- Green (99%)
- Blue (85%)



- Red (86%)
- Yellow (100%)
- Blue (85%)



- Cyan (0%)
- Magenta (1%)
- Yellow (14%)
- Black (0%)




- Cyan (0%)
- Magenta (1%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 96.5725, 0.3348, 0.3632 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 96.5725, 0.3348, 0.3632 by changing the saturation by 10% instead.


 96.5725, 0.3348,
0.3632

 96.5725, 0.3348,
0.3632


549.1870, 0.3252,
0.3480

 73.4445, 0.3369,
0.3665


156.4353, 0.3316,
0.3581

 54.3395, 0.3394,
0.3705


193.9388, 0.3303,
0.3560

 38.8731, 0.3424,
0.3755


237.0030, 0.3292,
0.3543

 26.6610, 0.3462,
0.3819

286.0122, 0.3282,
0.3527

 17.3188, 0.3512,
0.3902

341.3508, 0.3273,
0.3513

 10.4621, 0.3577,
0.4015

403.4032, 0.3265,

 5.7064, 0.3669,

0.3501

0.4178

472.5538, 0.3258,
0.3490

■ 2.6674, 0.3801,
0.4431

■ 0.9607, 0.4508,
0.5492

■ 96.5725, 0.3348,
0.3632

■ 96.5725, 0.3348,
0.3632

■ 94.4804, 0.3506,
0.3874

■ 98.8847, 0.3194,
0.3394

■ 92.5863, 0.3663,
0.4112

99.9985, 0.3127,
0.3290

■ 90.8844, 0.3814,
0.4337

■ 89.3636, 0.3953,
0.4539

■ 88.0118, 0.4072,
0.4709

■ 86.8153, 0.4168,
0.4839

■ 85.7582, 0.4236,
0.4924

■ 84.8209, 0.4278,
0.4965

■ 84.3408, 0.4292,
0.4974

Harmonies

Analogous

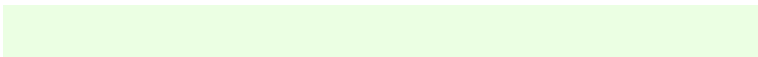
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.5725, 0.3477, 0.3568



96.5725, 0.3348, 0.3632



96.5725, 0.3162, 0.3600

Triad

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



96.5725, 0.3348, 0.3632



96.5725, 0.2758, 0.3128



96.5725, 0.3279, 0.3113

Complementary

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



96.5725, 0.3348, 0.3632



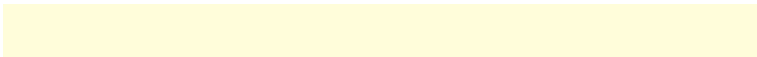
73.3269, 0.2893, 0.2923

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.



96.5725, 0.3083, 0.3003



96.5725, 0.3348, 0.3632



96.5725, 0.2787, 0.3007

Square

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



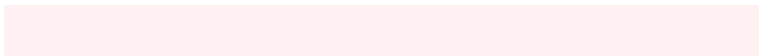
96.5725, 0.3348, 0.3632



96.5725, 0.2825, 0.3301



96.5725, 0.2904, 0.2964



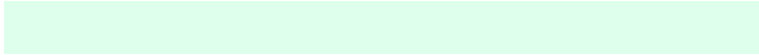
96.5725, 0.3438, 0.3268

Rectangle

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



96.5725, 0.3348, 0.3632



96.5725, 0.3032, 0.3526



96.5725, 0.2904, 0.2964



96.5725, 0.3215, 0.3070

Sweetspot

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



96.5768, 0.3348, 0.3632



99.0111, 0.3187, 0.3383



76.6125, 0.3381, 0.3266



21.1535, 0.3198, 0.3400



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

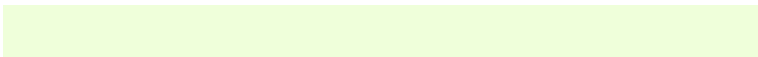
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.5768, 0.3348, 0.3632



96.0385, 0.3387, 0.3693



94.9255, 0.3241, 0.3663



20.9135, 0.3270, 0.3512



44.1455, 0.4290, 0.4975



4.3474, 0.4278, 0.4985

Inverse Universe

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



73.3269, 0.2893, 0.2923



69.2478, 0.2849, 0.2853



74.8805, 0.3000, 0.2914



17.5342, 0.2978, 0.3057



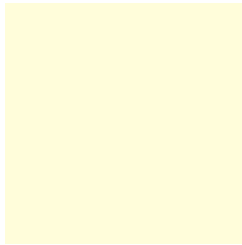
3.9957, 0.1509, 0.0632



0.4417, 0.1530, 0.0707

Previews

White Background



This preview shows how the Yxy color 96.5725, 0.3348, 0.3632 looks on a white background.

Color Contrast Check

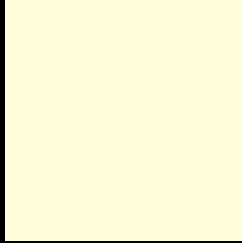
Large Text (above 18pt) WCAG AA × Fail

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 96.5725, 0.3348, 0.3632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

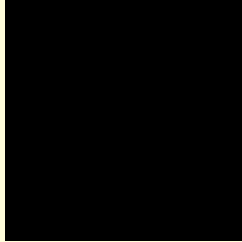
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.5725, 0.3348, 0.3632

Background



This preview shows how black text looks on a background with the Yxy color 96.5725, 0.3348, 0.3632.



This preview shows how white text looks on a background with the Yxy color 96.5725, 0.3348, 0.3632.

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

96.5725, 0.3348, 0.3632



Protanopia

96.6052, 0.3212, 0.3387

Deuteranopia

96.4085, 0.3171, 0.3309

Tritanopia

96.6620, 0.3123, 0.3242

Trichromacy



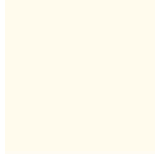
Original Color

96.5725, 0.3348, 0.3632



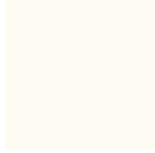
Protanomaly

96.7640, 0.3259, 0.3474



Deuteranomaly

96.3688, 0.3236, 0.3426



Tritanomaly

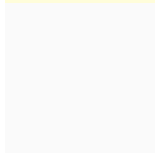
96.4760, 0.3199, 0.3377

Monochromacy



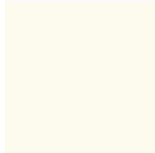
Original Color

96.5725, 0.3348, 0.3632



Achromatopsia

95.5973, 0.3127, 0.3290



Achromatomaly

95.8629, 0.3210, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.5725, 0.3348, 0.3632 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 218) }
```

Border

The CSS property to change the border of an element to Yxy 96.5725, 0.3348, 0.3632 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, 218) }
```

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

```
.border{ border-color:rgb(255, 253, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 96.5725, 0.3348, 0.3632 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, 218) }
```

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

```
.background{ background-color: rgb(255,  
253, 218) }
```

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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