

Converting Colors

$Y_{xy}(134.5144, 0.3290, 0.4154)$

Have a look what the booklet for
Yxy(134.5144, 0.3290, 0.4154)
contains.

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Color

Yxy(96.9689, 0.3362, 0.3713)

Conversions

Conversions Part 1

Format	Color
Hex	FCFFD4
RGB	252, 255, 212
RGB Percent	99%, 100%, 83%
CMY	0.0116, 0.0000, 0.1685
CMYK	0.01, 0.00, 0.17, 0.00
HSL	64°, 100%, 92%
HSV	64°, 17%, 100%
XYZ	87.8022, 96.9689, 76.3895
YIQ	249.2010, 12.0150, -14.0090

Conversions

Conversions Part 2

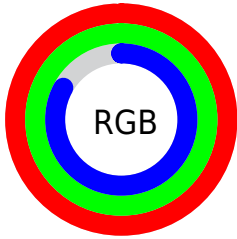
Format	Color
R _Y B	212, 255, 215
Decimal	16580564
CIE Lab	98.82, -7.94, 20.24
CIE LCh	99, 21.745, 111.409
Yxy	96.9689, 0.3362, 0.3713
Android (android.graphics.Color)	4294770644 (0xFFFCFFD4)
YUV	249.2010, -18.3401, 2.4547
Hunter-Lab	98.4728, -13.1698, 22.9372

Details

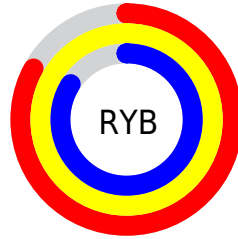
The Yxy color **96.9689, 0.3362, 0.3713** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **68.7597, 0.2870, 0.2835**, and the grayscale version is **95.0603, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.4246, 0.3411, 0.3805** is the 20% darker color. If you saturate the color by 10%, you get **95.4609, 0.3503, 0.3971**, and if you desaturate by 10%, it is **98.6917, 0.3221, 0.3459**.

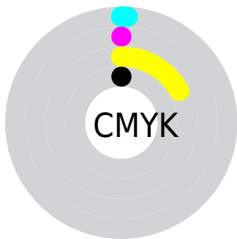
Distribution



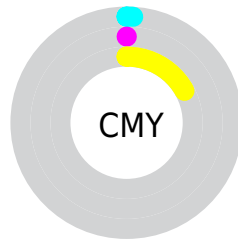
- Red (99%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (84%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 96.9689, 0.3362, 0.3713 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 96.9689, 0.3362, 0.3713 by changing the saturation by 10% instead.

 96.9689, 0.3362,
0.3713

 96.9689, 0.3362,
0.3713


550.4492, 0.3261,
0.3525

 73.7748, 0.3384,
0.3754

156.9819, 0.3328,
0.3649

 54.6097, 0.3409,
0.3804

194.5696, 0.3315,
0.3624

 39.0893, 0.3441,
0.3867


237.7240, 0.3303,
0.3602

 26.8292, 0.3480,
0.3946

286.8293, 0.3292,
0.3583

 17.4450, 0.3530,
0.4049

342.2702, 0.3283,
0.3566

 10.5523, 0.3595,
0.4191

404.4308, 0.3275,

 5.7666, 0.3683,

0.3550

0.4394

473.6957, 0.3267,
0.3537

■ 2.7037, 0.3804,
0.4711

■ 0.9791, 0.4284,
0.5716

■ 96.9689, 0.3362,
0.3713

■ 96.9689, 0.3362,
0.3713

■ 95.4609, 0.3503,
0.3971

■ 98.6917, 0.3221,
0.3459

■ 94.1453, 0.3639,
0.4224

99.9949, 0.3127,
0.3290

■ 93.0161, 0.3764,
0.4463

■ 92.0622, 0.3874,
0.4678

■ 91.2710, 0.3962,
0.4857

■ 90.6284, 0.4024,
0.4995

■ 90.1178, 0.4060,
0.5088

■ 89.7183, 0.4071,
0.5139

■ 89.6055, 0.4071,
0.5149

Harmonies

Analogous

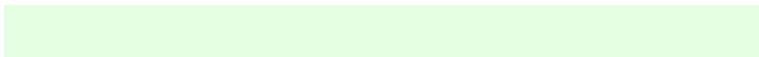
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.9689, 0.3537, 0.3649



96.9689, 0.3362, 0.3713



96.9689, 0.3128, 0.3655

Triad

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



96.9689, 0.3362, 0.3713



96.9689, 0.2675, 0.3060



96.9689, 0.3350, 0.3103

Complementary

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



96.9689, 0.3362, 0.3713



68.7597, 0.2870, 0.2835

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.



96.9689, 0.3112, 0.2958



96.9689, 0.3362, 0.3713



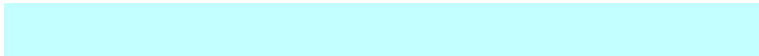
96.9689, 0.2728, 0.2928

Square

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



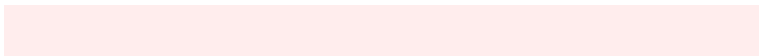
96.9689, 0.3362, 0.3713



96.9689, 0.2737, 0.3264



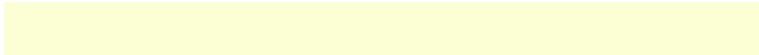
96.9689, 0.2885, 0.2894



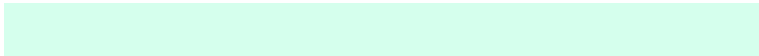
96.9689, 0.3532, 0.3295

Rectangle

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



96.9689, 0.3362, 0.3713



96.9689, 0.2972, 0.3552



96.9689, 0.2885, 0.2894



96.9689, 0.3274, 0.3047

Sweetspot

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



96.9732, 0.3362, 0.3713



99.0403, 0.3196, 0.3413



74.5560, 0.3446, 0.3320



21.1708, 0.3205, 0.3430



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

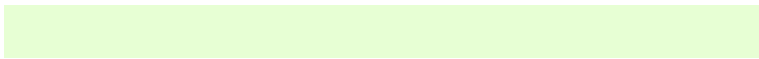
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.9732, 0.3362, 0.3713



96.4821, 0.3406, 0.3794



93.1989, 0.3223, 0.3732



21.0236, 0.3258, 0.3526



46.8511, 0.4074, 0.5148



4.5800, 0.4088, 0.5136

Inverse Universe

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



68.7597, 0.2870, 0.2835



63.7431, 0.2815, 0.2739



72.2138, 0.3016, 0.2854



17.4372, 0.2989, 0.3045



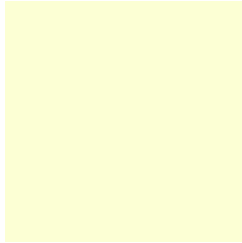
3.8591, 0.1521, 0.0611



0.3955, 0.1568, 0.0637

Previews

White Background



This preview shows how the Yxy color 96.9689, 0.3362, 0.3713 looks on a white background.

Color Contrast Check

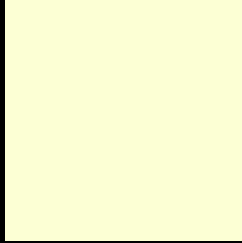
Large Text (above 18pt) WCAG AA × Fail

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 96.9689, 0.3362, 0.3713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

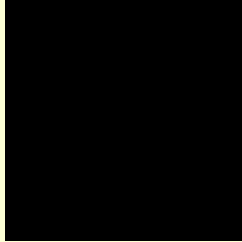
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.9689, 0.3362, 0.3713

Background



This preview shows how black text looks on a background with the Yxy color 96.9689, 0.3362, 0.3713.



This preview shows how white text looks on a background with the Yxy color 96.9689, 0.3362, 0.3713.

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

96.9689, 0.3362, 0.3713



Protanopia

96.6652, 0.3206, 0.3377

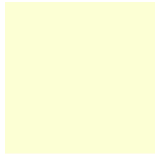
Deuteranopia

97.0939, 0.3164, 0.3309

Tritanopia

97.0970, 0.3116, 0.3252

Trichromacy



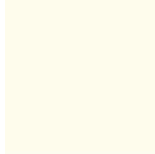
Original Color

96.9689, 0.3362, 0.3713



Protanomaly

96.4612, 0.3264, 0.3494



Deuteranomaly

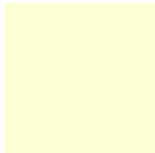
96.7478, 0.3234, 0.3445



Tritanomaly

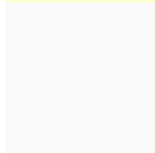
96.7354, 0.3210, 0.3416

Monochromacy



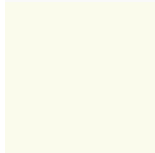
Original Color

96.9689, 0.3362, 0.3713



Achromatopsia

94.7307, 0.3127, 0.3290



Achromatomaly

95.3745, 0.3209, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.9689, 0.3362, 0.3713 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(252, 255, 212)` looks like.

```
.text, #text, p{  
    color:rgb(252, 255, 212)  
}
```

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(252, 255, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 212) }
```

Border

The CSS property to change the border of an element to Yxy 96.9689, 0.3362, 0.3713 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(252, 255, 212) }
```

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

```
.border{ border-color:rgb(252, 255, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 255, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 212);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 96.9689, 0.3362, 0.3713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 255, 212) }
```

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

```
.background{ background-color: rgb(252,  
255, 212) }
```

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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