

Converting Colors

$Yxy(97.3373, 0.3320, 0.3643)$

Have a look what the booklet for
Yxy(97.3373, 0.3320, 0.3643)
contains.

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Color

Yxy(97.3299, 0.3320, 0.3643)

Conversions

Conversions Part 1

Format	Color
Hex	FCFFDB
RGB	252, 255, 219
RGB Percent	99%, 100%, 86%
CMY	0.0116, 0.0000, 0.1411
CMYK	0.01, 0.00, 0.14, 0.00
HSL	65°, 100%, 93%
HSV	65°, 14%, 100%
XYZ	88.7003, 97.3299, 81.1394
YIQ	249.9990, 9.7680, -11.8320

Conversions

Conversions Part 2

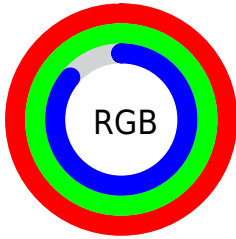
Format	Color
R _Y B	219, 255, 222
Decimal	16580571
CIE Lab	98.96, -6.90, 16.88
CIE LCh	99, 18.235, 112.221
Yxy	97.3299, 0.3320, 0.3643
Android (android.graphics.Color)	4294770651 (0xFFFCFFDB)
YUV	249.9990, -15.2825, 1.7549
Hunter-Lab	98.6559, -12.1607, 20.2962

Details

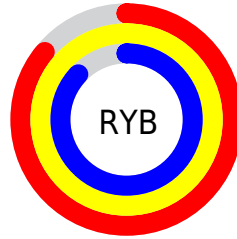
The Yxy color **97.3299, 0.3320, 0.3643** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.4185, 0.2919, 0.2915**, and the grayscale version is **95.7266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.6706, 0.3357, 0.3716** is the 20% darker color. If you saturate the color by 10%, you get **95.7017, 0.3459, 0.3901**, and if you desaturate by 10%, it is **99.1767, 0.3182, 0.3391**.

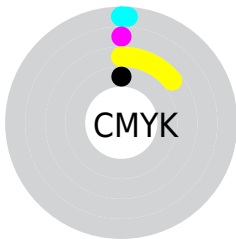
Distribution



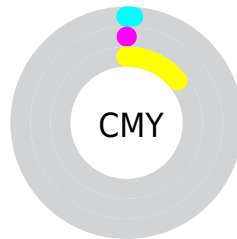
- Red (99%)
- Green (100%)
- Blue (86%)



- Red (86%)
- Yellow (100%)
- Blue (87%)



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.3299, 0.3320, 0.3643 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 97.3299, 0.3320, 0.3643 by changing the saturation by 10% instead.

 97.3299, 0.3320,
0.3643

 97.3299, 0.3320,
0.3643


551.5973, 0.3236,
0.3486

 74.0757, 0.3338,
0.3677


157.4796, 0.3292,
0.3590

 54.8560, 0.3359,
0.3719


195.1438, 0.3281,
0.3569

 39.2864, 0.3385,
0.3771

238.3801, 0.3271,
0.3550

 26.9826, 0.3418,
0.3837

287.5729, 0.3263,
0.3534

 17.5602, 0.3460,
0.3923

343.1067, 0.3255,
0.3520

 10.6347, 0.3516,
0.4042

405.3657, 0.3248,

 5.8218, 0.3592,

0.3508

0.4213

474.7345, 0.3242,
0.3496

■ 2.7370, 0.3700,
0.4480

■ 0.9960, 0.4374,
0.5626

■ 97.3299, 0.3320,
0.3643

■ 97.3299, 0.3320,
0.3643

■ 95.7017, 0.3459,
0.3901

■ 99.1767, 0.3182,
0.3391

■ 94.2700, 0.3594,
0.4158

99.9978, 0.3127,
0.3290

■ 93.0289, 0.3721,
0.4404

■ 91.9676, 0.3832,
0.4629

■ 91.0739, 0.3924,
0.4822

■ 90.3342, 0.3991,
0.4975

■ 89.7327, 0.4032,
0.5083

■ 89.2500, 0.4047,
0.5147

■ 89.0051, 0.4047,
0.5169

Harmonies

Analogous

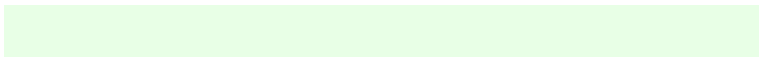
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.3299, 0.3468, 0.3594



97.3299, 0.3320, 0.3643



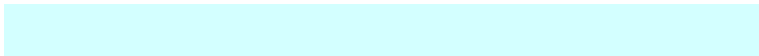
97.3299, 0.3124, 0.3591

Triad

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



97.3299, 0.3320, 0.3643



97.3299, 0.2747, 0.3094



97.3299, 0.3319, 0.3136

Complementary

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



97.3299, 0.3320, 0.3643



73.4185, 0.2919, 0.2915

Split Complementary

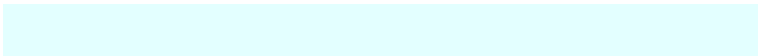
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.3299, 0.3121, 0.3013



97.3299, 0.3320, 0.3643



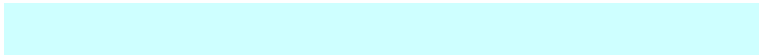
97.3299, 0.2794, 0.2984

Square

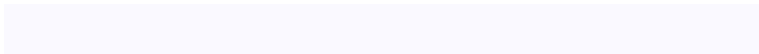
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



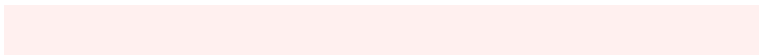
97.3299, 0.3320, 0.3643



97.3299, 0.2797, 0.3265



97.3299, 0.2929, 0.2957



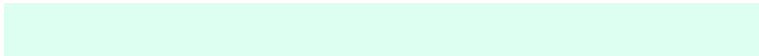
97.3299, 0.3468, 0.3300

Rectangle

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



97.3299, 0.3320, 0.3643



97.3299, 0.2993, 0.3504



97.3299, 0.2929, 0.2957



97.3299, 0.3256, 0.3089

Sweetspot

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



97.3342, 0.3320, 0.3643



99.2012, 0.3181, 0.3388



78.3072, 0.3386, 0.3315



21.2018, 0.3191, 0.3407



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

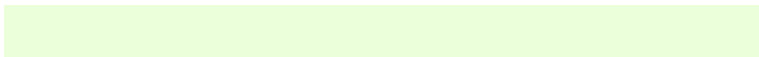
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.3342, 0.3320, 0.3643



96.8441, 0.3360, 0.3717



94.2287, 0.3208, 0.3656



21.0101, 0.3256, 0.3526



46.5403, 0.4049, 0.5167



4.5531, 0.4067, 0.5153

Inverse Universe

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



73.4185, 0.2919, 0.2915



68.6133, 0.2871, 0.2831



76.3128, 0.3036, 0.2928



17.4493, 0.2991, 0.3045



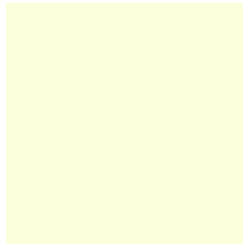
3.8808, 0.1526, 0.0614



0.4012, 0.1581, 0.0645

Previews

White Background



This preview shows how the Yxy color 97.3299, 0.3320, 0.3643 looks on a white background.

Color Contrast Check

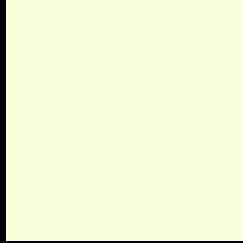
Large Text (above 18pt) WCAG AA × Fail

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 97.3299, 0.3320, 0.3643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

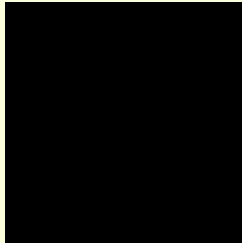
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.3299, 0.3320, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 97.3299, 0.3320, 0.3643.

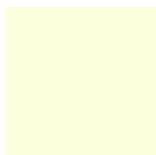


This preview shows how white text looks on a background with the Yxy color 97.3299, 0.3320, 0.3643.

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

97.3299, 0.3320, 0.3643



Protanopia

97.4125, 0.3193, 0.3367

Deuteranopia

97.1565, 0.3158, 0.3300

Tritanopia

97.0970, 0.3116, 0.3252

Trichromacy



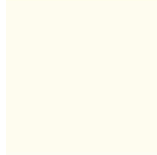
Original Color

97.3299, 0.3320, 0.3643



Protanomaly

97.3195, 0.3239, 0.3465



Deuteranomaly

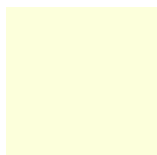
96.9236, 0.3216, 0.3416



Tritanomaly

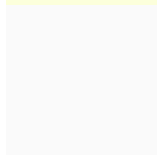
96.9143, 0.3192, 0.3387

Monochromacy



Original Color

97.3299, 0.3320, 0.3643



Achromatopsia

95.5973, 0.3127, 0.3290



Achromatomaly

96.3620, 0.3197, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.3299, 0.3320, 0.3643 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(252, 255, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 219) }
```

Border

The CSS property to change the border of an element to Yxy 97.3299, 0.3320, 0.3643 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, 219) }
```

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

```
.border{ border-color:rgb(252, 255, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 219);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 97.3299, 0.3320, 0.3643 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, 219) }
```

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

```
.background{ background-color: rgb(252,  
255, 219) }
```

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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