

Converting Colors

$Y_{xy}(100.0000, 0.3509, 0.3589)$

Have a look what the booklet for
Yxy(100.0000, 0.3509, 0.3589)
contains.

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Color

Yxy(95.3688, 0.3345, 0.3604)

Conversions

Conversions Part 1

Format	Color
Hex	FFFBDB
RGB	255, 251, 219
RGB Percent	100%, 98%, 86%
CMY	0.0001, 0.0156, 0.1413
CMYK	0.00, 0.02, 0.14, 0.00
HSL	53°, 100%, 93%
HSV	53°, 14%, 100%
XYZ	88.5152, 95.3688, 80.7354
YIQ	248.5480, 12.6560, -9.1040

Conversions

Conversions Part 2

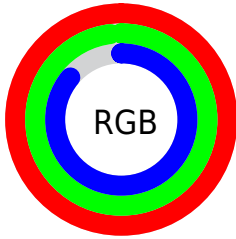
Format	Color
R _Y B	224, 255, 219
Decimal	16776155
CIE Lab	98.18, -3.89, 15.84
CIE LCh	98, 16.311, 103.781
Yxy	95.3688, 0.3345, 0.3604
Android (android.graphics.Color)	4294966235 (0xFFFFFBDB)
YUV	248.5480, -14.5672, 5.6584
Hunter-Lab	97.6570, -9.1093, 19.3434

Details

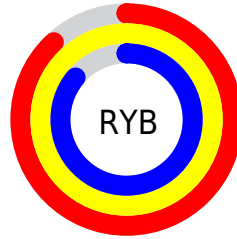
The Yxy color **95.3688, 0.3345, 0.3604** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **75.0151, 0.2900, 0.2955**, and the grayscale version is **94.4543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.7163, 0.3388, 0.3677** is the 20% darker color. If you saturate the color by 10%, you get **92.3881, 0.3507, 0.3833**, and if you desaturate by 10%, it is **98.5897, 0.3189, 0.3380**.

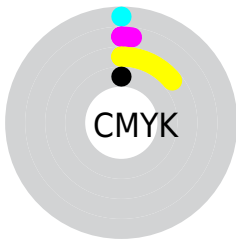
Distribution



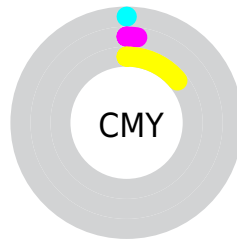
- Red (100%)
- Green (98%)
- Blue (86%)



- Red (88%)
- Yellow (100%)
- Blue (86%)



- Cyan (0%)
- Magenta (2%)
- Yellow (14%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.3688, 0.3345, 0.3604 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 95.3688, 0.3345, 0.3604 by changing the saturation by 10% instead.


 95.3688, 0.3345,
0.3604

 95.3688, 0.3345,
0.3604


545.3450, 0.3250,
0.3465

 72.4420, 0.3366,
0.3634


154.7740, 0.3313,
0.3557

 53.5198, 0.3390,
0.3672


192.0212, 0.3300,
0.3538

 38.2179, 0.3421,
0.3717


234.8106, 0.3289,
0.3522

 26.1518, 0.3459,
0.3776

283.5266, 0.3279,
0.3508

 16.9373, 0.3509,
0.3852

338.5537, 0.3271,
0.3495

 10.1898, 0.3576,
0.3957

400.2762, 0.3263,

 5.5250, 0.3670,

0.3484

0.4108

469.0785, 0.3256,
0.3474

■ 2.5584, 0.3809,
0.4342

■ 0.9058, 0.4582,
0.5418

■ 95.3688, 0.3345,
0.3604

■ 95.3688, 0.3345,
0.3604

■ 92.3881, 0.3507,
0.3833

■ 98.5897, 0.3189,
0.3380

■ 89.6254, 0.3672,
0.4060

99.9972, 0.3127,
0.3290

■ 87.0750, 0.3834,
0.4276

■ 84.7257, 0.3987,
0.4472

■ 82.5653, 0.4123,
0.4637

■ 80.5801, 0.4237,
0.4763

■ 78.7542, 0.4323,
0.4844

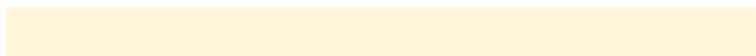
■ 77.0682, 0.4382,
0.4879

■ 76.1268, 0.4406,
0.4884

Harmonies

Analogous

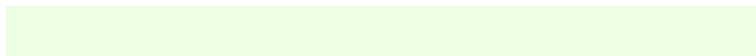
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.3688, 0.3457, 0.3538



95.3688, 0.3345, 0.3604



95.3688, 0.3176, 0.3582

Triad

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



95.3688, 0.3345, 0.3604



95.3688, 0.2787, 0.3154



95.3688, 0.3252, 0.3115

Complementary

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



95.3688, 0.3345, 0.3604



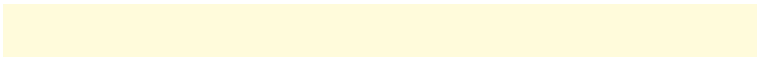
75.0151, 0.2900, 0.2955

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.



95.3688, 0.3070, 0.3018



95.3688, 0.3345, 0.3604



95.3688, 0.2806, 0.3036

Square

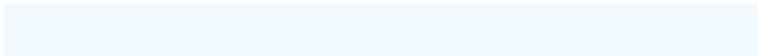
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.3688, 0.3345, 0.3604



95.3688, 0.2857, 0.3315



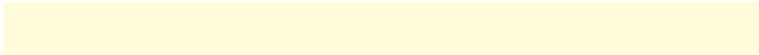
95.3688, 0.2908, 0.2988



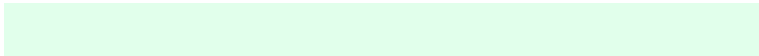
95.3688, 0.3404, 0.3256

Rectangle

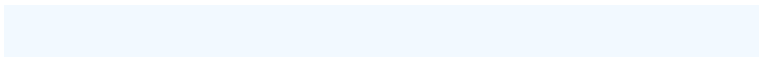
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.3688, 0.3345, 0.3604



95.3688, 0.3055, 0.3519



95.3688, 0.2908, 0.2988



95.3688, 0.3193, 0.3076

Sweetspot

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



95.3730, 0.3345, 0.3604



98.6450, 0.3187, 0.3377



77.2389, 0.3360, 0.3249



21.0605, 0.3198, 0.3394



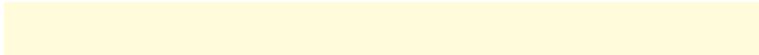
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

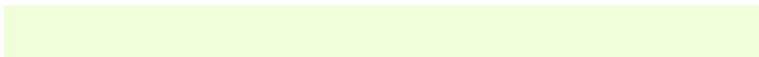
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.3730, 0.3345, 0.3604



94.5044, 0.3391, 0.3670



95.3551, 0.3250, 0.3651



20.7284, 0.3272, 0.3500



39.9206, 0.4402, 0.4887



3.9805, 0.4375, 0.4908

Inverse Universe

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



75.0151, 0.2900, 0.2955



70.4969, 0.2850, 0.2880



75.1495, 0.2991, 0.2923



17.7000, 0.2979, 0.3072



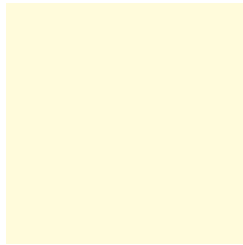
4.3120, 0.1521, 0.0676



0.5199, 0.1560, 0.0815

Previews

White Background



This preview shows how the Yxy color 95.3688, 0.3345, 0.3604 looks on a white background.

Color Contrast Check

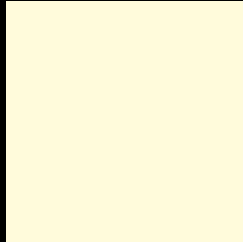
Large Text (above 18pt) WCAG AA × Fail

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 95.3688, 0.3345, 0.3604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

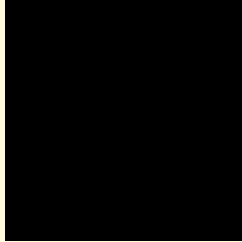
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.3688, 0.3345, 0.3604

Background



This preview shows how black text looks on a background with the Yxy color 95.3688, 0.3345, 0.3604.

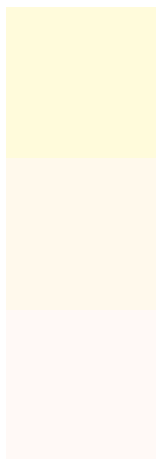


This preview shows how white text looks on a background with the Yxy color 95.3688, 0.3345, 0.3604.

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

95.3688, 0.3345, 0.3604

Protanopia

95.0675, 0.3243, 0.3416

Deuteranopia

95.6652, 0.3183, 0.3319

Tritanopia

95.4256, 0.3124, 0.3223

Trichromacy



Original Color

95.3688, 0.3345, 0.3604

Protanomaly

95.3444, 0.3279, 0.3485

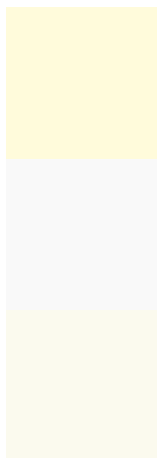
Deuteranomaly

95.6873, 0.3243, 0.3426

Tritanomaly

95.2330, 0.3201, 0.3358

Monochromacy



Original Color

95.3688, 0.3345, 0.3604

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

95.0535, 0.3205, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.3688, 0.3345, 0.3604 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 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(255, 251, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 219) }
```

Border

The CSS property to change the border of an element to Yxy 95.3688, 0.3345, 0.3604 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, 219) }
```

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

```
.border{ border-color:rgb(255, 251, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 95.3688, 0.3345, 0.3604 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, 219) }
```

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

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