

Converting Colors

$Y_{xy}(100.0000, 0.3527, 0.3626)$

Have a look what the booklet for
Yxy(100.0000, 0.3527, 0.3626)
contains.

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Color

Yxy(95.1607, 0.3369, 0.3643)

Conversions

Conversions Part 1

Format	Color
Hex	FFFBD7
RGB	255, 251, 215
RGB Percent	100%, 98%, 84%
CMY	0.0001, 0.0157, 0.1567
CMYK	0.00, 0.02, 0.16, 0.00
HSL	54°, 100%, 92%
HSV	54°, 16%, 100%
XYZ	88.0034, 95.1607, 78.0511
YIQ	248.0920, 13.9400, -10.3480

Conversions

Conversions Part 2

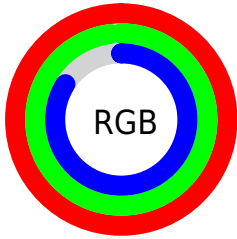
Format	Color
R _Y B	219, 255, 215
Decimal	16776151
CIE Lab	98.10, -4.47, 17.73
CIE LCh	98, 18.282, 104.153
Yxy	95.1607, 0.3369, 0.3643
Android (android.graphics.Color)	4294966231 (0xFFFFFBD7)
YUV	248.0920, -16.3144, 6.0583
Hunter-Lab	97.5503, -9.6823, 20.8467

Details

The Yxy color **95.1607, 0.3369, 0.3643** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.3503, 0.2873, 0.2911**, and the grayscale version is **94.0795, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.5740, 0.3420, 0.3727** is the 20% darker color. If you saturate the color by 10%, you get **92.3780, 0.3531, 0.3875**, and if you desaturate by 10%, it is **98.1774, 0.3212, 0.3415**.

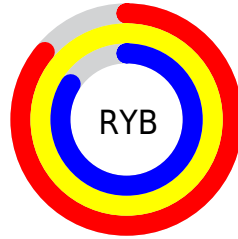
Distribution



Red (100%)

Green (98%)

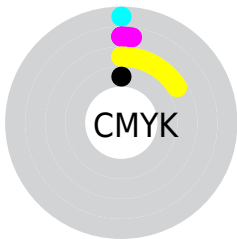
Blue (84%)



Red (86%)

Yellow (100%)

Blue (84%)

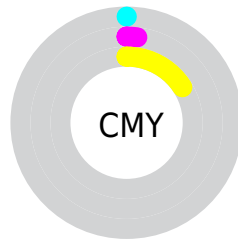


Cyan (0%)

Magenta (2%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.1607, 0.3369, 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 95.1607, 0.3369, 0.3643 by changing the saturation by 10% instead.

 95.1607, 0.3369,
0.3643

 95.1607, 0.3369,
0.3643


544.6793, 0.3263,
0.3486

 72.2687, 0.3392,
0.3677


154.4866, 0.3333,
0.3590

 53.3782, 0.3419,
0.3719


191.6893, 0.3319,
0.3569

 38.1048, 0.3453,
0.3771


234.4311, 0.3307,
0.3550

 26.0640, 0.3495,
0.3836

283.0963, 0.3296,
0.3534

 16.8716, 0.3550,
0.3922

338.0693, 0.3286,
0.3520

 10.1430, 0.3623,
0.4040

399.7346, 0.3278,

 5.4938, 0.3725,

0.3508

0.4209

468.4764, 0.3270,
0.3496

■ 2.5398, 0.3872,
0.4470

■ 0.8965, 0.4532,
0.5468

■ 95.1607, 0.3369,
0.3643

■ 95.1607, 0.3369,
0.3643

■ 92.3780, 0.3531,
0.3875

■ 98.1774, 0.3212,
0.3415

■ 89.8072, 0.3695,
0.4103

99.9971, 0.3127,
0.3290

■ 87.4422, 0.3853,
0.4318

■ 85.2719, 0.4001,
0.4511

■ 83.2838, 0.4131,
0.4672

■ 81.4641, 0.4238,
0.4792

■ 79.7963, 0.4316,
0.4867

■ 78.2603, 0.4367,
0.4898

■ 77.6223, 0.4383,
0.4902

Harmonies

Analogous

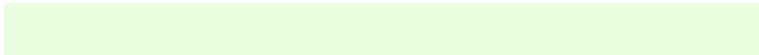
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.1607, 0.3497, 0.3569



95.1607, 0.3369, 0.3643



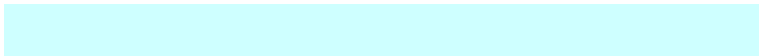
95.1607, 0.3179, 0.3618

Triad

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



95.1607, 0.3369, 0.3643



95.1607, 0.2747, 0.3134



95.1607, 0.3270, 0.3096

Complementary

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



95.1607, 0.3369, 0.3643



72.3503, 0.2873, 0.2911

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.



95.1607, 0.3065, 0.2987



95.1607, 0.3369, 0.3643



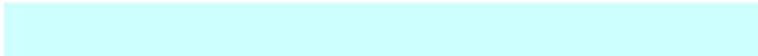
95.1607, 0.2769, 0.3003

Square

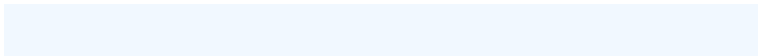
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.1607, 0.3369, 0.3643



95.1607, 0.2823, 0.3316



95.1607, 0.2883, 0.2952



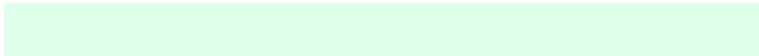
95.1607, 0.3439, 0.3254

Rectangle

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



95.1607, 0.3369, 0.3643



95.1607, 0.3043, 0.3546



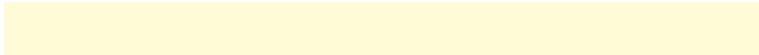
95.1607, 0.2883, 0.2952



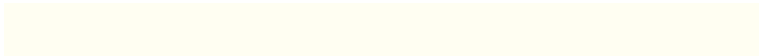
95.1607, 0.3203, 0.3053

Sweetspot

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



95.1649, 0.3369, 0.3643



98.3983, 0.3202, 0.3400



74.9996, 0.3395, 0.3250



21.0141, 0.3213, 0.3416



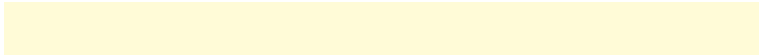
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

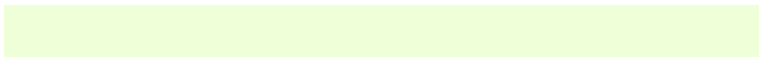
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.1649, 0.3369, 0.3643



94.2227, 0.3423, 0.3720



94.7717, 0.3259, 0.3693



20.7632, 0.3272, 0.3502



40.6908, 0.4380, 0.4904



4.0477, 0.4356, 0.4923

Inverse Universe

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



72.3503, 0.2873, 0.2911



67.1960, 0.2814, 0.2820



72.8376, 0.2979, 0.2881



17.6687, 0.2979, 0.3069



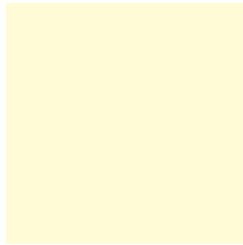
4.2400, 0.1519, 0.0666



0.5052, 0.1554, 0.0795

Previews

White Background



This preview shows how the Yxy color 95.1607, 0.3369, 0.3643 looks on a white background.

Color Contrast Check

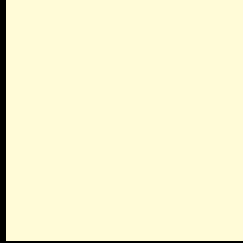
Large Text (above 18pt) WCAG AA × Fail

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 95.1607, 0.3369, 0.3643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

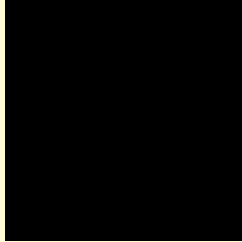
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.1607, 0.3369, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 95.1607, 0.3369, 0.3643.

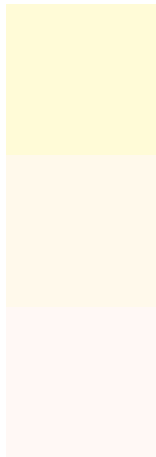


This preview shows how white text looks on a background with the Yxy color 95.1607, 0.3369, 0.3643.

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

95.1607, 0.3369, 0.3643

Protanopia

95.0095, 0.3250, 0.3426

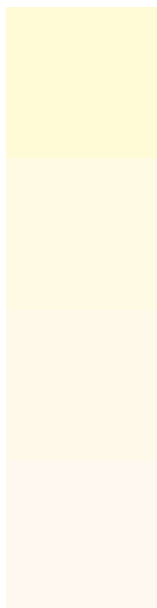
Deuteranopia

94.9874, 0.3190, 0.3319

Tritanopia

94.8124, 0.3124, 0.3213

Trichromacy



Original Color

95.1607, 0.3369, 0.3643

Protanomaly

95.2327, 0.3291, 0.3505

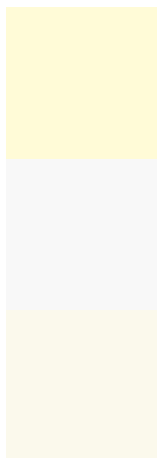
Deuteranomaly

94.9519, 0.3256, 0.3436

Tritanomaly

94.4969, 0.3214, 0.3368

Monochromacy



Original Color

95.1607, 0.3369, 0.3643

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.3167, 0.3217, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.1607, 0.3369, 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(255, 251, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 215) }
```

Border

The CSS property to change the border of an element to Yxy 95.1607, 0.3369, 0.3643 is called "border". The border property can be set on classes, ids or directly on the HTML element.

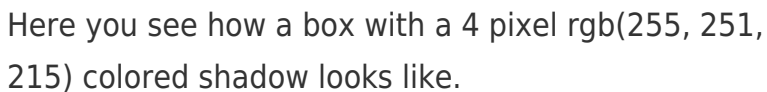
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 251, 215) }
```

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

```
.border{ border-color:rgb(255, 251, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 251, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 251, 215); box-shadow:4px 4px 4px 4px rgb(255, 251, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 95.1607, 0.3369, 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(255, 251, 215) }
```

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

```
.background{ background-color: rgb(255,  
251, 215) }
```

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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