

Converting Colors

$Y_{xy}(95.6327, 0.3315, 0.3639)$

Have a look what the booklet for
Yxy(95.6327, 0.3315, 0.3639)
contains.

Yxy(95.6365, 0.3315, 0.3636)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(95.6365, 0.3315, 0.3636)

Conversions

Conversions Part 1

Format	Color
Hex	FAFDDA
RGB	250, 253, 218
RGB Percent	98%, 99%, 85%
CMY	0.0198, 0.0078, 0.1451
CMYK	0.01, 0.00, 0.14, 0.01
HSL	65°, 90%, 92%
HSV	65°, 14%, 99%
XYZ	87.1933, 95.6365, 80.1968
YIQ	248.1130, 9.4470, -11.5210

Conversions

Conversions Part 2

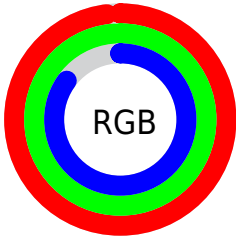
Format	Color
R _Y B	218, 253, 221
Decimal	16448986
CIE Lab	98.29, -6.79, 16.43
CIE LCh	98, 17.776, 112.450
Yxy	95.6365, 0.3315, 0.3636
Android (android.graphics.Color)	4294639066 (0xFFFAFDDA)
YUV	248.1130, -14.8457, 1.6549
Hunter-Lab	97.7939, -11.9882, 19.8344

Details

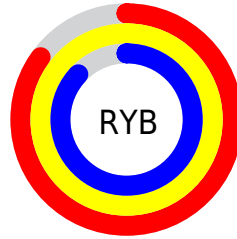
The Yxy color **95.6365, 0.3315, 0.3636** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.6220, 0.2925, 0.2924**, and the grayscale version is **94.0827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.4617, 0.3352, 0.3707** is the 20% darker color. If you saturate the color by 10%, you get **94.0093, 0.3453, 0.3895**, and if you desaturate by 10%, it is **97.4791, 0.3178, 0.3384**.

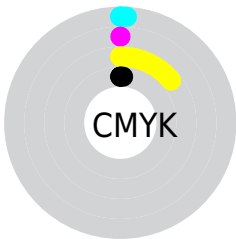
Distribution



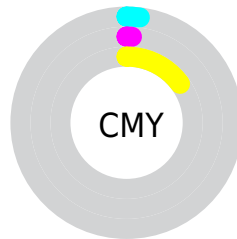
- Red (98%)
- Green (99%)
- Blue (85%)



- Red (85%)
- Yellow (99%)
- Blue (87%)



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





- Cyan (2%)
- Magenta (1%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.6365, 0.3315, 0.3636 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 95.6365, 0.3315, 0.3636 by changing the saturation by 10% instead.


 95.6365, 0.3315,
0.3636

 95.6365, 0.3315,
0.3636

546.2007, 0.3233,
0.3482

 72.6649, 0.3332,
0.3670


155.1437, 0.3288,
0.3584

 53.7020, 0.3354,
0.3711


192.4480, 0.3277,
0.3563

 38.3634, 0.3379,
0.3762


235.2986, 0.3267,
0.3545

 26.2649, 0.3412,
0.3828

284.0800, 0.3259,
0.3529

 17.0219, 0.3453,
0.3914

339.1765, 0.3251,
0.3515

 10.2501, 0.3508,
0.4032

400.9725, 0.3245,

 5.5651, 0.3584,

0.3503

0.4203

469.8524, 0.3239,
0.3492

■ 2.5825, 0.3693,
0.4474

■ 0.9179, 0.4349,
0.5651

■ 95.6365, 0.3315,
0.3636

■ 95.6365, 0.3315,
0.3636

■ 94.0093, 0.3453,
0.3895

■ 97.4791, 0.3178,
0.3384

■ 92.5757, 0.3587,
0.4152

■ 98.6253, 0.3124,
0.3271

■ 91.3301, 0.3713,
0.4399

■ 98.7423, 0.3128,
0.3271

■ 90.2617, 0.3825,
0.4625

■ 89.3588, 0.3916,
0.4820

■ 88.6080, 0.3983,
0.4975

■ 87.9939, 0.4024,
0.5086

■ 87.4976, 0.4038,
0.5152

■ 87.2338, 0.4038,
0.5176

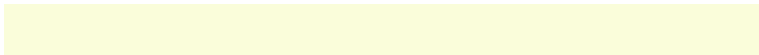
Harmonies

Analogous

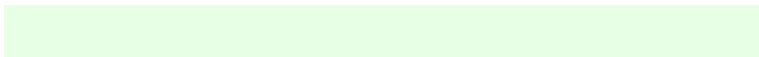
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.6365, 0.3460, 0.3589



95.6365, 0.3315, 0.3636



95.6365, 0.3122, 0.3584

Triad

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



95.6365, 0.3315, 0.3636



95.6365, 0.2754, 0.3097



95.6365, 0.3317, 0.3141

Complementary

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



95.6365, 0.3315, 0.3636



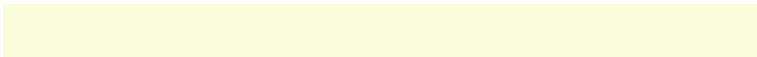
72.6220, 0.2925, 0.2924

Split Complementary

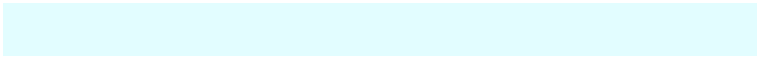
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.6365, 0.3122, 0.3019



95.6365, 0.3315, 0.3636



95.6365, 0.2801, 0.2990

Square

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



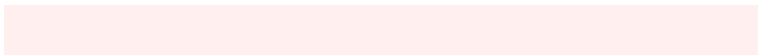
95.6365, 0.3315, 0.3636



95.6365, 0.2802, 0.3264



95.6365, 0.2934, 0.2963



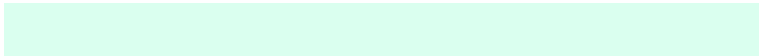
95.6365, 0.3463, 0.3302

Rectangle

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



95.6365, 0.3315, 0.3636



95.6365, 0.2994, 0.3499



95.6365, 0.2934, 0.2963



95.6365, 0.3255, 0.3094

Sweetspot

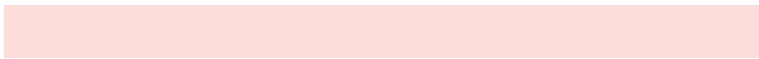
The Sweet Spot groups the original color and five complimentary colors.



95.6407, 0.3315, 0.3636



99.1916, 0.3181, 0.3388



77.6213, 0.3380, 0.3320



21.1994, 0.3191, 0.3407



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

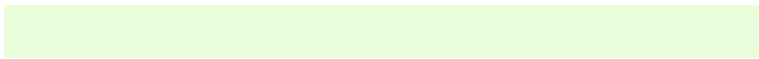
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.6407, 0.3315, 0.3636



96.8040, 0.3359, 0.3718



92.5801, 0.3202, 0.3648



21.0052, 0.3256, 0.3526



46.4301, 0.4040, 0.5174



4.5435, 0.4059, 0.5159

Inverse Universe

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



72.6220, 0.2925, 0.2924



68.6460, 0.2873, 0.2831



75.4909, 0.3042, 0.2936



17.4536, 0.2992, 0.3045



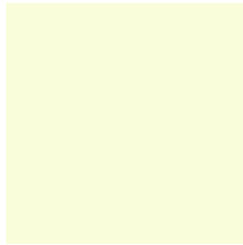
3.8892, 0.1528, 0.0615



0.4033, 0.1586, 0.0647

Previews

White Background



This preview shows how the Yxy color 95.6365, 0.3315, 0.3636 looks on a white background.

Color Contrast Check

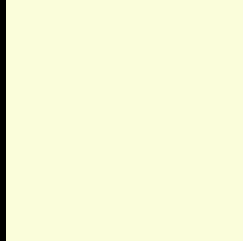
Large Text (above 18pt) WCAG AA × Fail

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 95.6365, 0.3315, 0.3636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

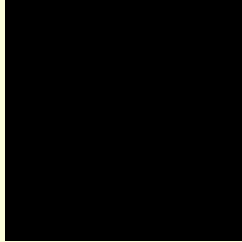
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.6365, 0.3315, 0.3636

Background



This preview shows how black text looks on a background with the Yxy color 95.6365, 0.3315, 0.3636.

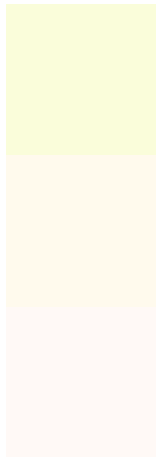


This preview shows how white text looks on a background with the Yxy color 95.6365, 0.3315, 0.3636.

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

95.6365, 0.3315, 0.3636

Protanopia

95.7456, 0.3236, 0.3416

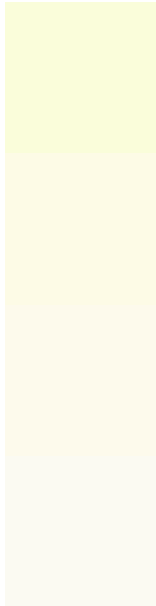
Deuteranopia

95.6652, 0.3183, 0.3319

Tritanopia

95.6668, 0.3111, 0.3232

Trichromacy



Original Color

95.6365, 0.3315, 0.3636

Protanomaly

95.5902, 0.3265, 0.3495

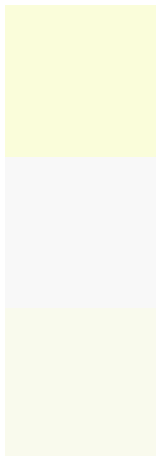
Deuteranomaly

95.3100, 0.3230, 0.3426

Tritanomaly

95.2912, 0.3181, 0.3368

Monochromacy



Original Color

95.6365, 0.3315, 0.3636

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.6254, 0.3198, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.6365, 0.3315, 0.3636 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(250, 253, 218)` looks like.

```
.text, #text, p{  
    color:rgb(250, 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(250, 253, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 253, 218) }
```

Border

The CSS property to change the border of an element to Yxy 95.6365, 0.3315, 0.3636 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(250, 253, 218) }
```

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

```
.border{ border-color:rgb(250, 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(250, 253, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 253, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 253, 218);  
box-shadow:4px 4px 4px 4px rgb(250, 253,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 95.6365, 0.3315, 0.3636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 253, 218) }
```

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

```
.background{ background-color: rgb(250,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor