

Converting Colors

$Y_{xy}(100.0000, 0.3482, 0.3606)$

Have a look what the booklet for
Yxy(100.0000, 0.3482, 0.3606)
contains.

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Color

Yxy(95.9428, 0.3350, 0.3623)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCDA
RGB	255, 252, 218
RGB Percent	100%, 99%, 85%
CMY	0.0000, 0.0118, 0.1452
CMYK	0.00, 0.01, 0.15, 0.00
HSL	55°, 100%, 93%
HSV	55°, 15%, 100%
XYZ	88.7133, 95.9428, 80.1598
YIQ	249.0210, 12.7020, -9.9380

Conversions

Conversions Part 2

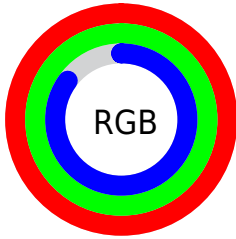
Format	Color
R _Y B	221, 255, 218
Decimal	16776410
CIE Lab	98.41, -4.51, 16.67
CIE LCh	98, 17.266, 105.131
Yxy	95.9428, 0.3350, 0.3623
Android (android.graphics.Color)	4294966490 (0xFFFFFCDA)
YUV	249.0210, -15.2934, 5.2436
Hunter-Lab	97.9504, -9.7464, 20.0441

Details

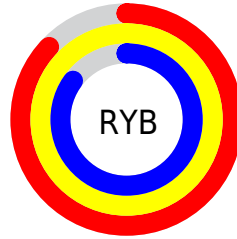
The Yxy color **95.9428, 0.3350, 0.3623** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.8284, 0.2893, 0.2934**, and the grayscale version is **94.8658, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.6803, 0.3396, 0.3689** is the 20% darker color. If you saturate the color by 10%, you get **93.4138, 0.3510, 0.3859**, and if you desaturate by 10%, it is **98.6856, 0.3195, 0.3392**.

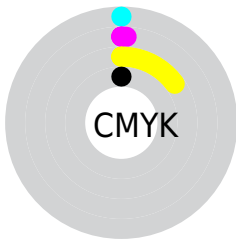
Distribution



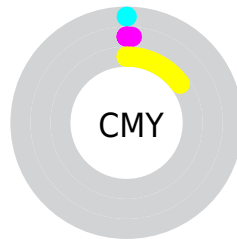
- Red (100%)
- Green (99%)
- Blue (85%)



- Red (87%)
- Yellow (100%)
- Blue (85%)



- Cyan (0%)
- Magenta (1%)
- Yellow (15%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.9428, 0.3350, 0.3623 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 95.9428, 0.3350, 0.3623 by changing the saturation by 10% instead.


 95.9428, 0.3350,
0.3623

 95.9428, 0.3350,
0.3623


547.1789, 0.3253,
0.3475

 72.9199, 0.3371,
0.3655

155.5665, 0.3317,
0.3573

 53.9105, 0.3396,
0.3695


192.9361, 0.3304,
0.3553

 38.5301, 0.3427,
0.3743


235.8567, 0.3293,
0.3536

 26.3944, 0.3466,
0.3805

284.7127, 0.3283,
0.3521

 17.1189, 0.3516,
0.3886

339.8885, 0.3274,
0.3507

 10.3193, 0.3584,
0.3996

401.7686, 0.3266,

 5.6112, 0.3678,

0.3496

0.4156

470.7372, 0.3259,
0.3485

■ 2.6101, 0.3815,
0.4403

■ 0.9318, 0.4540,
0.5460

■ 95.9428, 0.3350,
0.3623

■ 95.9428, 0.3350,
0.3623

■ 93.4138, 0.3510,
0.3859

■ 98.6856, 0.3195,
0.3392

■ 91.0977, 0.3671,
0.4091

100.0000, 0.3127,
0.3290

■ 88.9817, 0.3827,
0.4312

■ 87.0546, 0.3972,
0.4511

■ 85.3044, 0.4099,
0.4678

■ 83.7171, 0.4203,
0.4805

■ 82.2770, 0.4279,
0.4887

■ 80.9645, 0.4328,
0.4924

■ 80.2836, 0.4346,
0.4931

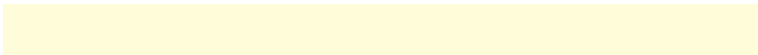
Harmonies

Analogous

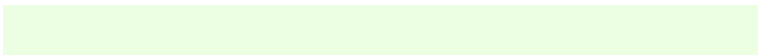
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.9428, 0.3473, 0.3557



95.9428, 0.3350, 0.3623



95.9428, 0.3170, 0.3596

Triad

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



95.9428, 0.3350, 0.3623



95.9428, 0.2768, 0.3139



95.9428, 0.3268, 0.3111

Complementary

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



95.9428, 0.3350, 0.3623



73.8284, 0.2893, 0.2934

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.



95.9428, 0.3076, 0.3006



95.9428, 0.3350, 0.3623



95.9428, 0.2791, 0.3017

Square

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



95.9428, 0.3350, 0.3623



95.9428, 0.2836, 0.3309



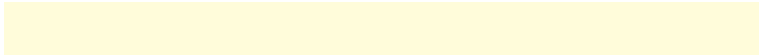
95.9428, 0.2902, 0.2971



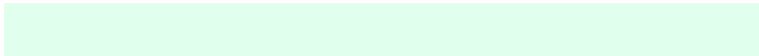
95.9428, 0.3425, 0.3262

Rectangle

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



95.9428, 0.3350, 0.3623



95.9428, 0.3042, 0.3526



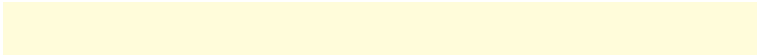
95.9428, 0.2902, 0.2971



95.9428, 0.3205, 0.3070

Sweetspot

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



95.9399, 0.3350, 0.3623



98.8335, 0.3187, 0.3380



76.6181, 0.3377, 0.3260



21.1084, 0.3198, 0.3397



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

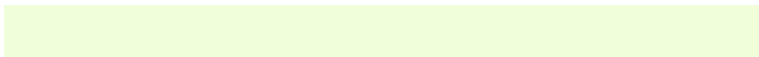
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.9399, 0.3350, 0.3623



95.2924, 0.3389, 0.3681



95.0323, 0.3245, 0.3663



20.8236, 0.3271, 0.3506



42.0554, 0.4343, 0.4934



4.1664, 0.4324, 0.4949

Inverse Universe

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



73.8284, 0.2893, 0.2934



69.8510, 0.2849, 0.2866



74.7462, 0.2995, 0.2913



17.6144, 0.2979, 0.3064



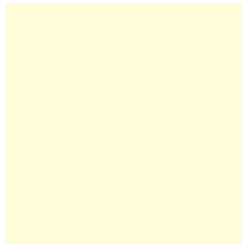
4.1290, 0.1514, 0.0651



0.4796, 0.1545, 0.0760

Previews

White Background



This preview shows how the Yxy color 95.9428, 0.3350, 0.3623 looks on a white background.

Color Contrast Check

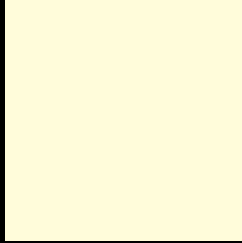
Large Text (above 18pt) WCAG AA × Fail

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 95.9428, 0.3350, 0.3623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

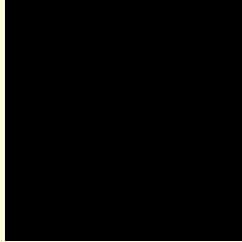
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.9428, 0.3350, 0.3623

Background



This preview shows how black text looks on a background with the Yxy color 95.9428, 0.3350, 0.3623.

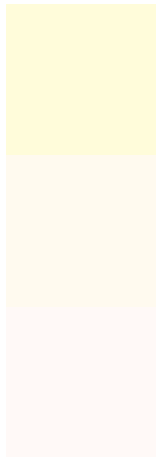


This preview shows how white text looks on a background with the Yxy color 95.9428, 0.3350, 0.3623.

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

95.9428, 0.3350, 0.3623

Protanopia

95.8632, 0.3224, 0.3397

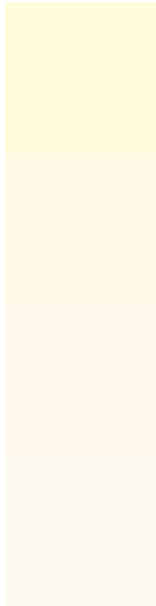
Deuteranopia

95.7268, 0.3177, 0.3309

Tritanopia

96.0422, 0.3124, 0.3233

Trichromacy



Original Color

95.9428, 0.3350, 0.3623

Protanomaly

96.0239, 0.3272, 0.3485

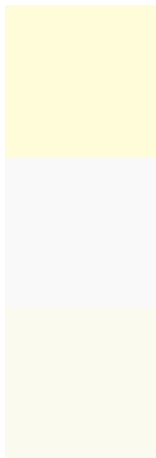
Deuteranomaly

95.6873, 0.3243, 0.3426

Tritanomaly

95.8528, 0.3200, 0.3367

Monochromacy



Original Color

95.9428, 0.3350, 0.3623

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 95.9428, 0.3350, 0.3623 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, 252, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 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(255, 252, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 218) }
```

Border

The CSS property to change the border of an element to Yxy 95.9428, 0.3350, 0.3623 is called "border". The border property can be set on classes, ids or directly on the HTML element.

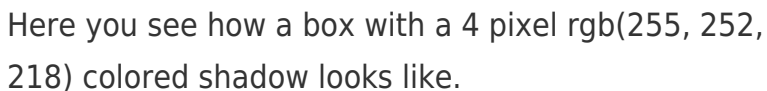
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 252, 218) }
```

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

```
.border{ border-color:rgb(255, 252, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 252, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 252, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 252, 218); box-shadow:4px 4px 4px 4px rgb(255, 252, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 95.9428, 0.3350, 0.3623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 218) }
```

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

```
.background{ background-color: rgb(255,  
252, 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](#).

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