

Converting Colors

$Y_{xy}(100.0000, 0.3464, 0.3550)$

Have a look what the booklet for
Yxy(100.0000, 0.3464, 0.3550)
contains.

Yxy(95.5821, 0.3320, 0.3564)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(95.5821, 0.3320, 0.3564)

Conversions

Conversions Part 1

Format	Color
Hex	FFFBDF
RGB	255, 251, 223
RGB Percent	100%, 98%, 87%
CMY	0.0003, 0.0156, 0.1255
CMYK	0.00, 0.02, 0.13, 0.00
HSL	53°, 100%, 94%
HSV	53°, 13%, 100%
XYZ	89.0383, 95.5821, 83.5673
YIQ	249.0040, 11.3720, -7.8600

Conversions

Conversions Part 2

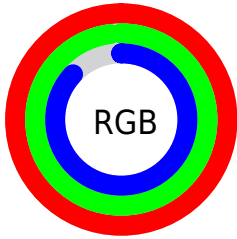
Format	Color
R _Y B	228, 255, 223
Decimal	16776159
CIE Lab	98.27, -3.29, 13.90
CIE LCh	98, 14.281, 103.328
Yxy	95.5821, 0.3320, 0.3564
Android (android.graphics.Color)	4294966239 (0xFFFFFBDF)
YUV	249.0040, -12.8200, 5.2585
Hunter-Lab	97.7661, -8.5257, 17.7571

Details

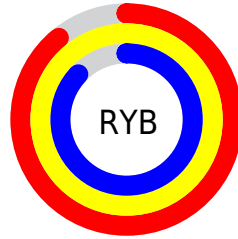
The Yxy color **95.5821, 0.3320, 0.3564** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **77.7923, 0.2928, 0.3000**, and the grayscale version is **94.8311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.8631, 0.3357, 0.3626** is the 20% darker color. If you saturate the color by 10%, you get **92.3793, 0.3483, 0.3790**, and if you desaturate by 10%, it is **99.0325, 0.3165, 0.3344**.

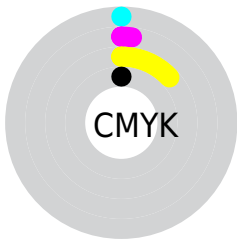
Distribution



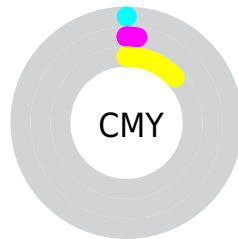
- Red (100%)
- Green (98%)
- Blue (87%)



- Red (89%)
- Yellow (100%)
- Blue (87%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (0%)




- Cyan (0%)
- Magenta (2%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.5821, 0.3320, 0.3564 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 95.5821, 0.3320, 0.3564 by changing the saturation by 10% instead.

 95.5821, 0.3320,
0.3564

 95.5821, 0.3320,
0.3564


546.0268, 0.3235,
0.3443

 72.6196, 0.3338,
0.3591


155.0686, 0.3292,
0.3523

 53.6649, 0.3360,
0.3623


192.3612, 0.3280,
0.3507

 38.3339, 0.3388,
0.3663

235.1994, 0.3270,
0.3492

 26.2419, 0.3422,
0.3714

283.9675, 0.3262,
0.3480

 17.0047, 0.3466,
0.3780

339.0499, 0.3254,
0.3469

 10.2378, 0.3526,
0.3871

400.8310, 0.3247,

 5.5569, 0.3611,

0.3459

0.4003

469.6952, 0.3241,
0.3450

■ 2.5776, 0.3740,
0.4210

■ 0.9154, 0.4564,
0.5292

■ 95.5821, 0.3320,
0.3564

■ 95.5821, 0.3320,
0.3564

■ 92.3793, 0.3483,
0.3790

■ 99.0325, 0.3165,
0.3344

■ 89.4021, 0.3649,
0.4015

99.9877, 0.3127,
0.3290

■ 86.6446, 0.3814,
0.4232

■ 84.0959, 0.3972,
0.4430

■ 81.7439, 0.4114,
0.4599

■ 79.5753, 0.4236,
0.4730

■ 77.5744, 0.4331,
0.4816

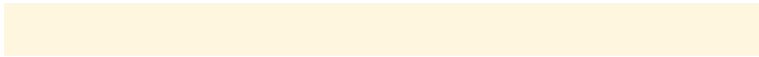
■ 75.7224, 0.4397,
0.4857

■ 74.4151, 0.4431,
0.4864

Harmonies

Analogous

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



95.5821, 0.3417, 0.3507



95.5821, 0.3320, 0.3564



95.5821, 0.3173, 0.3546

Triad

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



95.5821, 0.3320, 0.3564



95.5821, 0.2829, 0.3173



95.5821, 0.3235, 0.3135

Complementary

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



95.5821, 0.3320, 0.3564



77.7923, 0.2928, 0.3000

Split Complementary

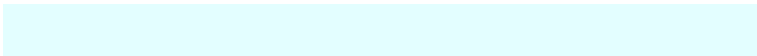
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.5821, 0.3075, 0.3050



95.5821, 0.3320, 0.3564



95.5821, 0.2845, 0.3069

Square

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



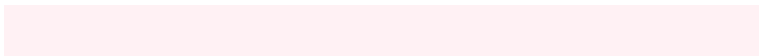
95.5821, 0.3320, 0.3564



95.5821, 0.2892, 0.3315



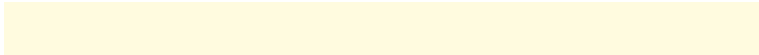
95.5821, 0.2933, 0.3025



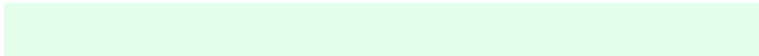
95.5821, 0.3367, 0.3259

Rectangle

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



95.5821, 0.3320, 0.3564



95.5821, 0.3067, 0.3491



95.5821, 0.2933, 0.3025



95.5821, 0.3182, 0.3101

Sweetspot

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



95.5863, 0.3320, 0.3564



98.5664, 0.3187, 0.3376



79.5836, 0.3327, 0.3248



21.0405, 0.3199, 0.3392



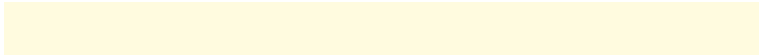
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

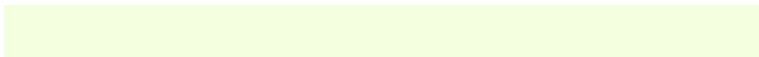
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.5863, 0.3320, 0.3564



94.8260, 0.3360, 0.3620



95.9012, 0.3239, 0.3608



20.6888, 0.3272, 0.3497



39.0557, 0.4427, 0.4867



3.9049, 0.4396, 0.4891

Inverse Universe

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



77.7923, 0.2928, 0.3000



73.8746, 0.2885, 0.2938



77.6042, 0.3004, 0.2967



17.7358, 0.2979, 0.3075



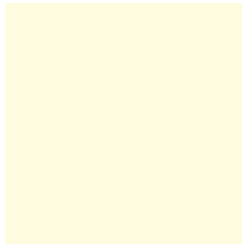
4.4017, 0.1525, 0.0689



0.5367, 0.1566, 0.0838

Previews

White Background



This preview shows how the Yxy color 95.5821, 0.3320, 0.3564 looks on a white background.

Color Contrast Check

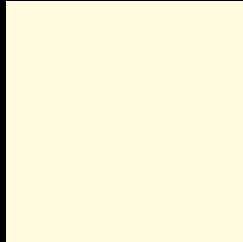
Large Text (above 18pt) WCAG AA × Fail

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 95.5821, 0.3320, 0.3564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

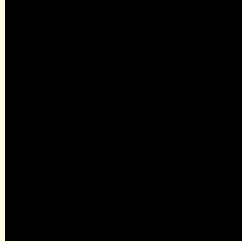
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.5821, 0.3320, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 95.5821, 0.3320, 0.3564.

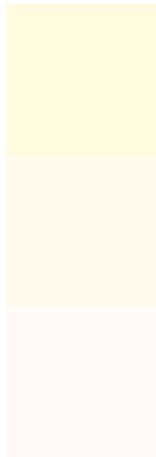


This preview shows how white text looks on a background with the Yxy color 95.5821, 0.3320, 0.3564.

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

95.5821, 0.3320, 0.3564

Protanopia

95.8043, 0.3230, 0.3406

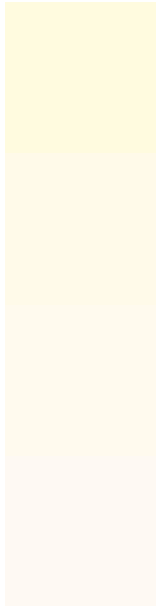
Deuteranopia

95.7268, 0.3177, 0.3309

Tritanopia

95.4256, 0.3124, 0.3223

Trichromacy



Original Color

95.5821, 0.3320, 0.3564

Protanomaly

95.5144, 0.3261, 0.3455

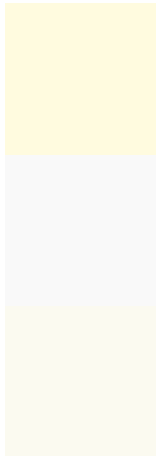
Deuteranomaly

95.8043, 0.3230, 0.3406

Tritanomaly

95.2933, 0.3195, 0.3348

Monochromacy



Original Color

95.5821, 0.3320, 0.3564

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

95.1717, 0.3193, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.5821, 0.3320, 0.3564 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 223) }
```

Border

The CSS property to change the border of an element to Yxy 95.5821, 0.3320, 0.3564 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, 223) }
```

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

```
.border{ border-color:rgb(255, 251, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 95.5821, 0.3320, 0.3564 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, 223) }
```

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

```
.background{ background-color: rgb(255,  
251, 223) }
```

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