

Converting Colors

$Y_{xy}(126.1062, 0.4172, 0.3497)$

Have a look what the booklet for
Yxy(126.1062, 0.4172, 0.3497)
contains.

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Color

Yxy(93.5621, 0.3343, 0.3565)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8DC
RGB	255, 248, 220
RGB Percent	100%, 97%, 86%
CMY	0.0000, 0.0275, 0.1372
CMYK	0.00, 0.03, 0.14, 0.00
HSL	48°, 100%, 93%
HSV	48°, 14%, 100%
XYZ	87.7358, 93.5621, 81.1484
YIQ	246.9010, 13.1600, -7.2240

Conversions

Conversions Part 2

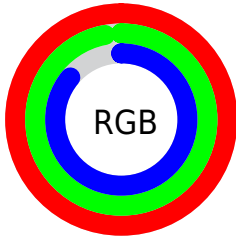
Format	Color
R _Y B	229, 255, 220
Decimal	16775388
CIE Lab	97.46, -2.20, 14.28
CIE LCh	97, 14.450, 98.738
Yxy	93.5621, 0.3343, 0.3565
Android (android.graphics.Color)	4294965468 (0xFFFFF8DC)
YUV	246.9010, -13.2622, 7.1028
Hunter-Lab	96.7275, -7.3663, 17.9686

Details

The Yxy color **93.5621, 0.3343, 0.3565** is a light color, and the websafe version is hex **FFFFCC**, and the color name is **cornsilk**. A complement of this color would be **77.3811, 0.2908, 0.2999**, and the grayscale version is **93.0262, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.4217, 0.3386, 0.3628** is the 20% darker color. If you saturate the color by 10%, you get **89.2134, 0.3513, 0.3773**, and if you desaturate by 10%, it is **98.1970, 0.3183, 0.3363**.

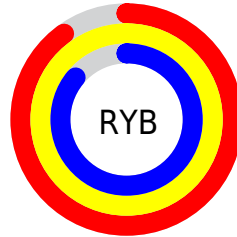
Distribution



Red (100%)

Green (97%)

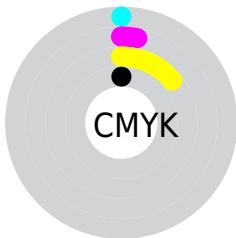
Blue (86%)



Red (90%)

Yellow (100%)

Blue (86%)

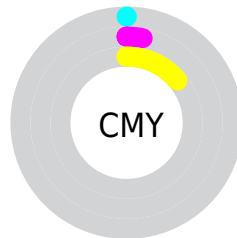


Cyan (0%)

Magenta (3%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.5621, 0.3343, 0.3565 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 93.5621, 0.3343, 0.3565 by changing the saturation by 10% instead.


 93.5621, 0.3343,
0.3565

 93.5621, 0.3343,
0.3565


539.5514, 0.3248,
0.3443

 70.9388, 0.3364,
0.3592


152.2766, 0.3311,
0.3524

 52.2922, 0.3389,
0.3624


189.1366, 0.3298,
0.3507

 37.2381, 0.3420,
0.3664


231.5109, 0.3287,
0.3493

 25.3919, 0.3459,
0.3716

279.7839, 0.3277,
0.3481

 16.3693, 0.3510,
0.3783

334.3401, 0.3269,
0.3469

 9.7858, 0.3579,
0.3875

395.5638, 0.3261,

 5.2572, 0.3677,

0.3460

0.4008

463.8394, 0.3254,
0.3451

■ 2.3989, 0.3828,
0.4217

■ 0.8253, 0.4696,
0.5304

■ 93.5621, 0.3343,
0.3565

■ 93.5621, 0.3343,
0.3565

■ 89.2134, 0.3513,
0.3773

■ 98.1970, 0.3183,
0.3363

■ 85.1492, 0.3690,
0.3981

100.0000, 0.3127,
0.3290

■ 81.3560, 0.3869,
0.4181

■ 77.8222, 0.4045,
0.4364

■ 74.5352, 0.4210,
0.4519

■ 71.4806, 0.4355,
0.4635

■ 68.6421, 0.4474,
0.4706

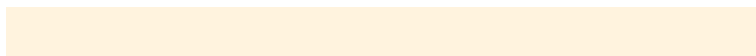
■ 65.9997, 0.4563,
0.4729

■ 64.4238, 0.4607,
0.4724

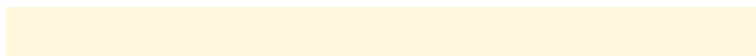
Harmonies

Analogous

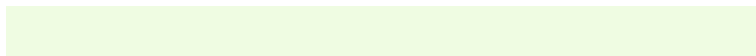
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.5621, 0.3431, 0.3496



93.5621, 0.3343, 0.3565



93.5621, 0.3198, 0.3559

Triad

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



93.5621, 0.3343, 0.3565



93.5621, 0.2829, 0.3192



93.5621, 0.3213, 0.3115

Complementary

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



93.5621, 0.3343, 0.3565



77.3811, 0.2908, 0.2999

Split Complementary

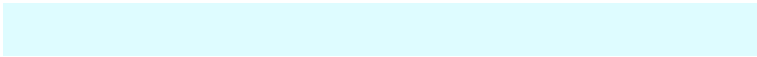
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.5621, 0.3050, 0.3037



93.5621, 0.3343, 0.3565



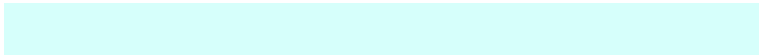
93.5621, 0.2832, 0.3077

Square

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



93.5621, 0.3343, 0.3565



93.5621, 0.2903, 0.3338



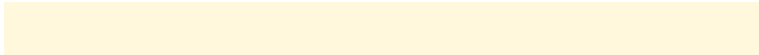
93.5621, 0.2912, 0.3023



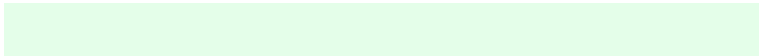
93.5621, 0.3355, 0.3238

Rectangle

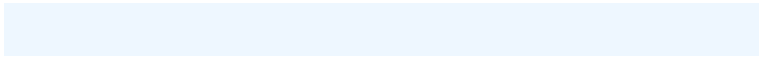
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.5621, 0.3343, 0.3565



93.5621, 0.3090, 0.3510



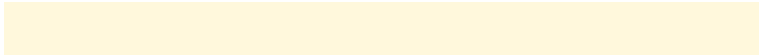
93.5621, 0.2912, 0.3023



93.5621, 0.3158, 0.3083

Sweetspot

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



93.5593, 0.3343, 0.3565



98.0645, 0.3188, 0.3368



78.0284, 0.3328, 0.3215



20.9131, 0.3199, 0.3383



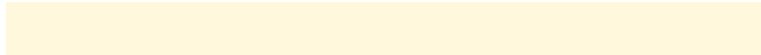
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

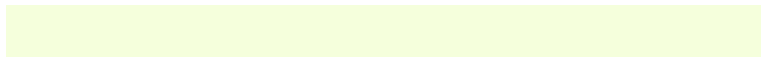
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.5593, 0.3343, 0.3565



92.5445, 0.3381, 0.3612



96.1154, 0.3269, 0.3638



20.4366, 0.3274, 0.3479



33.8800, 0.4599, 0.4731



3.4483, 0.4543, 0.4774

Inverse Universe

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



77.3811, 0.2908, 0.2999



73.9842, 0.2869, 0.2946



75.2197, 0.2972, 0.2932



17.9664, 0.2979, 0.3094



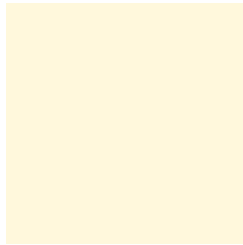
5.1771, 0.1554, 0.0794



0.6491, 0.1607, 0.0985

Previews

White Background



This preview shows how the Yxy color 93.5621, 0.3343, 0.3565 looks on a white background.

Color Contrast Check

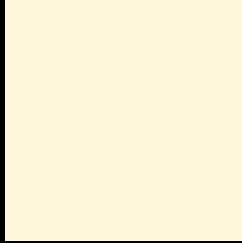
Large Text (above 18pt) WCAG AA × Fail

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 93.5621, 0.3343, 0.3565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

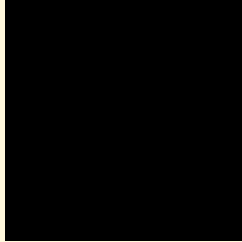
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.5621, 0.3343, 0.3565

Background



This preview shows how black text looks on a background with the Yxy color 93.5621, 0.3343, 0.3565.



This preview shows how white text looks on a background with the Yxy color 93.5621, 0.3343, 0.3565.

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

93.5621, 0.3343, 0.3565

Protanopia

93.4387, 0.3288, 0.3466

Deuteranopia

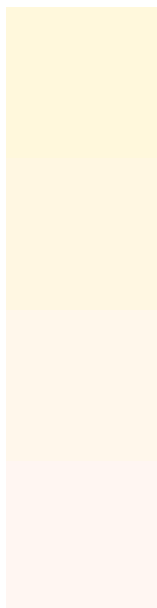
93.6426, 0.3203, 0.3319



Tritanopia

93.7848, 0.3132, 0.3194

Trichromacy



Original Color

93.5621, 0.3343, 0.3565

Protanomaly

93.2725, 0.3307, 0.3496

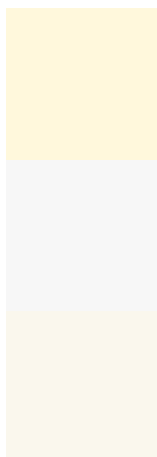
Deuteranomaly

93.7797, 0.3251, 0.3407

Tritanomaly

93.5823, 0.3209, 0.3329

Monochromacy



Original Color

93.5621, 0.3343, 0.3565

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

92.9599, 0.3206, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.5621, 0.3343, 0.3565 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, 248, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 220)  
}
```

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, 248, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 220) }
```

Border

The CSS property to change the border of an element to Yxy 93.5621, 0.3343, 0.3565 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, 248, 220) }
```

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

```
.border{ border-color:rgb(255, 248, 220) }
```

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

Here you see how a box with a 4 pixel rgb(255, 248, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 93.5621, 0.3343, 0.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 220) }
```

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

```
.background{ background-color: rgb(255,  
248, 220) }
```

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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