

Converting Colors

$Y_{xy}(100.0000, 0.3562, 0.3565)$

Have a look what the booklet for
Yxy(100.0000, 0.3562, 0.3565)
contains.

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Color

Yxy(93.4568, 0.3355, 0.3585)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8DA
RGB	255, 248, 218
RGB Percent	100%, 97%, 85%
CMY	0.0000, 0.0274, 0.1450
CMYK	0.00, 0.03, 0.14, 0.00
HSL	49°, 100%, 93%
HSV	49°, 14%, 100%
XYZ	87.4610, 93.4568, 79.7707
YIQ	246.6730, 13.8020, -7.8460

Conversions

Conversions Part 2

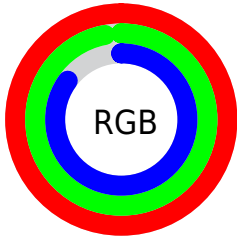
Format	Color
R_{YB}	227, 255, 218
Decimal	16775386
CIE _{Lab}	97.41, -2.52, 15.24
CIE _{LCh}	97, 15.448, 99.390
Yxy	93.4568, 0.3355, 0.3585
Android (android.graphics.Color)	4294965466 (0xFFFFF8DA)
YUV	246.6730, -14.1358, 7.3028
Hunter-Lab	96.6731, -7.6873, 18.7475

Details

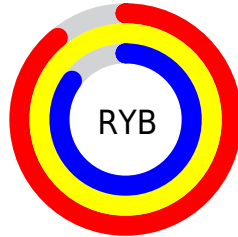
The Yxy color **93.4568, 0.3355, 0.3585** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **75.9781, 0.2895, 0.2977**, and the grayscale version is **92.8435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.3494, 0.3402, 0.3654** is the 20% darker color. If you saturate the color by 10%, you get **89.3040, 0.3524, 0.3796**, and if you desaturate by 10%, it is **97.8994, 0.3195, 0.3380**.

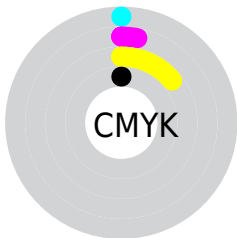
Distribution



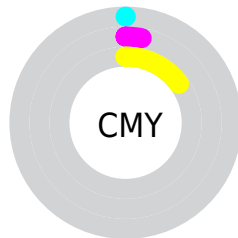
- Red (100%)
- Green (97%)
- Blue (85%)



- Red (89%)
- Yellow (100%)
- Blue (85%)



- Cyan (0%)
- Magenta (3%)
- Yellow (14%)
- Black (0%)





- Cyan (0%)
- Magenta (3%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.4568, 0.3355, 0.3585 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 93.4568, 0.3355, 0.3585 by changing the saturation by 10% instead.

 93.4568, 0.3355,
0.3585

 93.4568, 0.3355,
0.3585


539.2127, 0.3255,
0.3454

 70.8512, 0.3377,
0.3614

152.1309, 0.3321,
0.3541

 52.2208, 0.3403,
0.3649


188.9682, 0.3308,
0.3523

 37.1811, 0.3436,
0.3692


231.3182, 0.3296,
0.3508

 25.3477, 0.3477,
0.3747

279.5653, 0.3286,
0.3494

 16.3363, 0.3530,
0.3819

334.0939, 0.3277,
0.3482

 9.7625, 0.3603,
0.3918

395.2884, 0.3268,

 5.2417, 0.3706,

0.3472

0.4061

463.5332, 0.3261,
0.3462

■ 2.3898, 0.3861,
0.4283

■ 0.8206, 0.4668,
0.5332

■ 93.4568, 0.3355,
0.3585

■ 93.4568, 0.3355,
0.3585

■ 89.3040, 0.3524,
0.3796

■ 97.8994, 0.3195,
0.3380

■ 85.4186, 0.3700,
0.4006

99.9980, 0.3127,
0.3290

■ 81.7942, 0.3878,
0.4208

■ 78.4193, 0.4050,
0.4390

■ 75.2810, 0.4210,
0.4544

■ 72.3652, 0.4349,
0.4659

■ 69.6553, 0.4462,
0.4728

■ 67.1312, 0.4544,
0.4749

■ 65.8065, 0.4580,
0.4745

Harmonies

Analogous

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



93.4568, 0.3451, 0.3512



93.4568, 0.3355, 0.3585



93.4568, 0.3199, 0.3577

Triad

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



93.4568, 0.3355, 0.3585



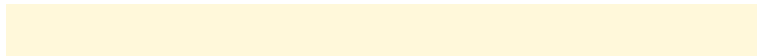
93.4568, 0.2807, 0.3181



93.4568, 0.3222, 0.3106

Complementary

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



93.4568, 0.3355, 0.3585



75.9781, 0.2895, 0.2977

Split Complementary

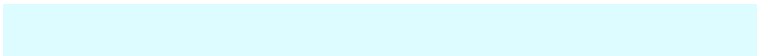
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.4568, 0.3048, 0.3022



93.4568, 0.3355, 0.3585



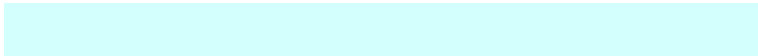
93.4568, 0.2813, 0.3060

Square

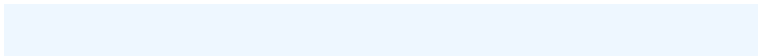
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.4568, 0.3355, 0.3585



93.4568, 0.2885, 0.3338



93.4568, 0.2899, 0.3004



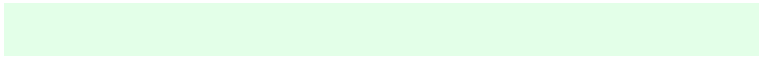
93.4568, 0.3373, 0.3237

Rectangle

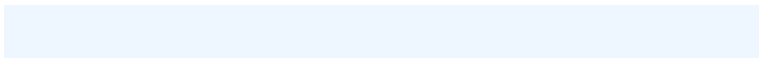
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.4568, 0.3355, 0.3585



93.4568, 0.3084, 0.3524



93.4568, 0.2899, 0.3004



93.4568, 0.3164, 0.3072

Sweetspot

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



93.4609, 0.3355, 0.3585



98.1376, 0.3188, 0.3370



76.8695, 0.3346, 0.3217



20.9316, 0.3199, 0.3385



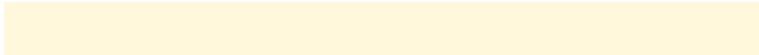
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



93.4609, 0.3355, 0.3585



92.4039, 0.3397, 0.3637



95.7911, 0.3273, 0.3659



20.4732, 0.3274, 0.3481



34.5971, 0.4572, 0.4751



3.5120, 0.4521, 0.4792

Inverse Universe

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



75.9781, 0.2895, 0.2977



72.2652, 0.2852, 0.2917



74.0481, 0.2966, 0.2910



17.9326, 0.2979, 0.3091



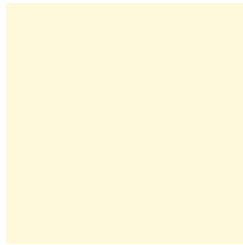
5.0412, 0.1549, 0.0776



0.6312, 0.1601, 0.0962

Previews

White Background



This preview shows how the Yxy color 93.4568, 0.3355, 0.3585 looks on a white background.

Color Contrast Check

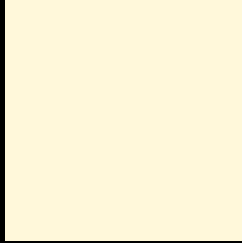
Large Text (above 18pt) WCAG AA × Fail

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 93.4568, 0.3355, 0.3585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

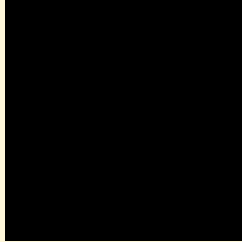
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.4568, 0.3355, 0.3585

Background



This preview shows how black text looks on a background with the Yxy color 93.4568, 0.3355, 0.3585.



This preview shows how white text looks on a background with the Yxy color 93.4568, 0.3355, 0.3585.

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

93.4568, 0.3355, 0.3585

Protanopia

93.4387, 0.3288, 0.3466

Deuteranopia

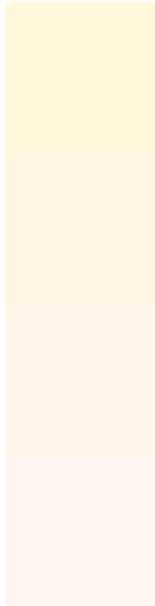
93.5823, 0.3209, 0.3329



Tritanopia

93.1814, 0.3132, 0.3185

Trichromacy



Original Color

93.4568, 0.3355, 0.3585

Protanomaly

93.2178, 0.3313, 0.3506

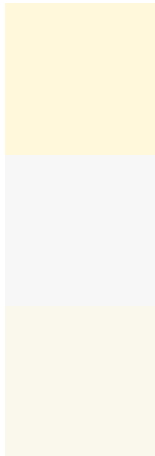
Deuteranomaly

93.6647, 0.3264, 0.3427

Tritanomaly

92.9756, 0.3210, 0.3319

Monochromacy



Original Color

93.4568, 0.3355, 0.3585

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

92.9017, 0.3212, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.4568, 0.3355, 0.3585 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 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, 248, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 218) }
```

Border

The CSS property to change the border of an element to Yxy 93.4568, 0.3355, 0.3585 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, 218) }
```

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

```
.border{ border-color:rgb(255, 248, 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, 248, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 93.4568, 0.3355, 0.3585 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, 218) }
```

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

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