

Converting Colors

$Yxy(93.3546, 0.3386, 0.3637)$

Have a look what the booklet for
Yxy(93.3546, 0.3386, 0.3637)
contains.

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Color

Yxy(93.1989, 0.3386, 0.3635)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8D5
RGB	255, 248, 213
RGB Percent	100%, 97%, 84%
CMY	0.0001, 0.0274, 0.1646
CMYK	0.00, 0.03, 0.16, 0.00
HSL	50°, 100%, 92%
HSV	50°, 16%, 100%
XYZ	86.8147, 93.1989, 76.3795
YIQ	246.1030, 15.4070, -9.4010

Conversions

Conversions Part 2

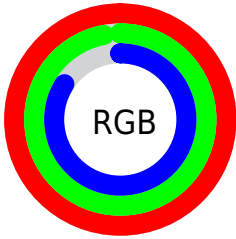
Format	Color
R_{YB}	221, 255, 213
Decimal	16775381
CIE _{Lab}	97.31, -3.27, 17.65
CIE _{LCh}	97, 17.954, 100.498
Yxy	93.1989, 0.3386, 0.3635
Android (android.graphics.Color)	4294965461 (0xFFFFF8D5)
YUV	246.1030, -16.3198, 7.8027
Hunter-Lab	96.5396, -8.4254, 20.6691

Details

The Yxy color **93.1989, 0.3386, 0.3635** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.5530, 0.2861, 0.2920**, and the grayscale version is **92.3738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.1737, 0.3442, 0.3717** is the 20% darker color. If you saturate the color by 10%, you get **89.4323, 0.3555, 0.3852**, and if you desaturate by 10%, it is **97.2364, 0.3225, 0.3423**.

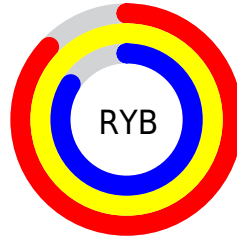
Distribution



Red (100%)

Green (97%)

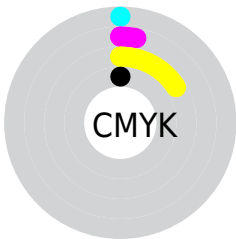
Blue (84%)



Red (87%)

Yellow (100%)

Blue (84%)

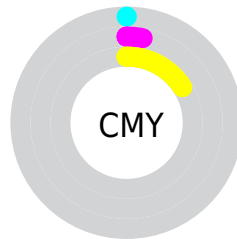


Cyan (0%)

Magenta (3%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.1989, 0.3386, 0.3635 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 93.1989, 0.3386, 0.3635 by changing the saturation by 10% instead.

 93.1989, 0.3386,
0.3635

 93.1989, 0.3386,
0.3635


538.3827, 0.3272,
0.3481

 70.6368, 0.3411,
0.3669

151.7740, 0.3348,
0.3583

 52.0459, 0.3440,
0.3710


188.5557, 0.3332,
0.3562

 37.0416, 0.3477,
0.3760


230.8462, 0.3319,
0.3544

 25.2397, 0.3523,
0.3825

279.0298, 0.3307,
0.3529

 16.2558, 0.3584,
0.3909

333.4908, 0.3297,
0.3515

 9.7053, 0.3664,
0.4025

394.6137, 0.3288,

 5.2040, 0.3778,

0.3503

0.4191

462.7829, 0.3280,
0.3491

■ 2.3675, 0.3947,
0.4451

■ 0.8091, 0.4600,
0.5400

■ 93.1989, 0.3386,
0.3635

■ 93.1989, 0.3386,
0.3635

■ 89.4323, 0.3555,
0.3852

■ 97.2364, 0.3225,
0.3423

■ 85.9142, 0.3728,
0.4066

99.9965, 0.3127,
0.3290

■ 82.6381, 0.3900,
0.4268

■ 79.5926, 0.4064,
0.4450

■ 76.7647, 0.4213,
0.4600

■ 74.1401, 0.4339,
0.4709

■ 71.7019, 0.4438,
0.4771

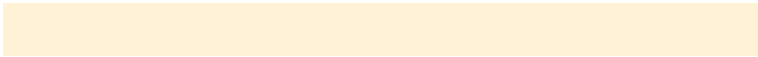
■ 69.4290, 0.4507,
0.4788

■ 68.6519, 0.4528,
0.4787

Harmonies

Analogous

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



93.1989, 0.3502, 0.3552



93.1989, 0.3386, 0.3635



93.1989, 0.3203, 0.3623

Triad

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



93.1989, 0.3386, 0.3635



93.1989, 0.2755, 0.3156



93.1989, 0.3244, 0.3082

Complementary

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



93.1989, 0.3386, 0.3635



72.5530, 0.2861, 0.2920

Split Complementary

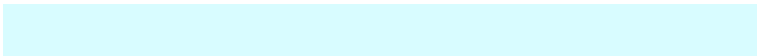
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.1989, 0.3042, 0.2982



93.1989, 0.3386, 0.3635



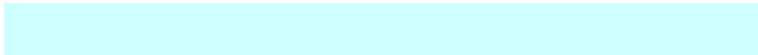
93.1989, 0.2765, 0.3018

Square

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



93.1989, 0.3386, 0.3635



93.1989, 0.2841, 0.3338



93.1989, 0.2868, 0.2958



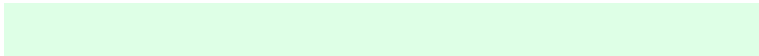
93.1989, 0.3419, 0.3234

Rectangle

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



93.1989, 0.3386, 0.3635



93.1989, 0.3068, 0.3559



93.1989, 0.2868, 0.2958



93.1989, 0.3177, 0.3041

Sweetspot

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



93.2030, 0.3386, 0.3635



97.8616, 0.3203, 0.3392



74.0257, 0.3391, 0.3220



20.8833, 0.3214, 0.3407



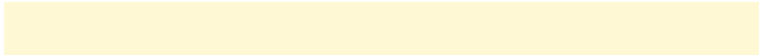
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

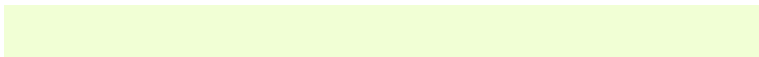
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.2030, 0.3386, 0.3635



91.8517, 0.3445, 0.3712



95.0137, 0.3284, 0.3712



20.5466, 0.3273, 0.3487



36.0682, 0.4521, 0.4792



3.6422, 0.4477, 0.4827

Inverse Universe

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



72.5530, 0.2861, 0.2920



67.3816, 0.2798, 0.2830



71.1524, 0.2951, 0.2856



17.8652, 0.2979, 0.3085



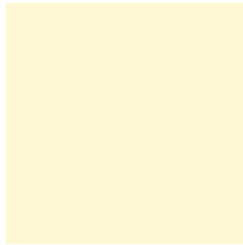
4.7936, 0.1540, 0.0742



0.5974, 0.1589, 0.0918

Previews

White Background



This preview shows how the Yxy color 93.1989, 0.3386, 0.3635 looks on a white background.

Color Contrast Check

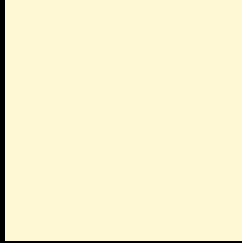
Large Text (above 18pt) WCAG AA × Fail

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 93.1989, 0.3386, 0.3635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

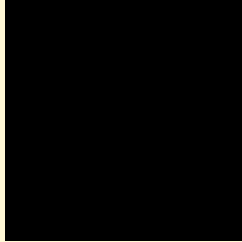
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.1989, 0.3386, 0.3635

Background



This preview shows how black text looks on a background with the Yxy color 93.1989, 0.3386, 0.3635.

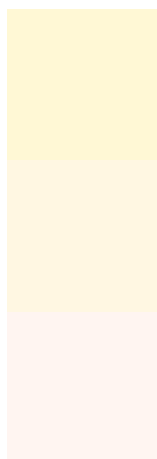


This preview shows how white text looks on a background with the Yxy color 93.1989, 0.3386, 0.3635.

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

93.1989, 0.3386, 0.3635

Protanopia

93.2725, 0.3307, 0.3496

Deuteranopia

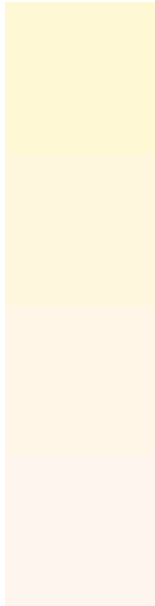
92.9157, 0.3216, 0.3329



Tritanopia

93.1171, 0.3138, 0.3194

Trichromacy



Original Color

93.1989, 0.3386, 0.3635

Protanomaly

93.0020, 0.3338, 0.3546

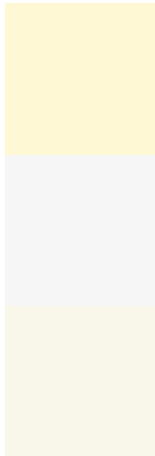
Deuteranomaly

92.9411, 0.3277, 0.3437

Tritanomaly

92.7968, 0.3229, 0.3349

Monochromacy



Original Color

93.1989, 0.3386, 0.3635

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.6018, 0.3218, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.1989, 0.3386, 0.3635 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 213) }
```

Border

The CSS property to change the border of an element to Yxy 93.1989, 0.3386, 0.3635 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, 213) }
```

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

```
.border{ border-color:rgb(255, 248, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 93.1989, 0.3386, 0.3635 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, 213) }
```

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

```
.background{ background-color: rgb(255,  
248, 213) }
```

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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