

Converting Colors

$Yxy(93.5466, 0.3446, 0.3747)$

Have a look what the booklet for
Yxy(93.5466, 0.3446, 0.3747)
contains.

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Color

Yxy(93.3232, 0.3447, 0.3745)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9CB
RGB	255, 249, 203
RGB Percent	100%, 98%, 80%
CMY	0.0000, 0.0235, 0.2040
CMYK	0.00, 0.02, 0.20, 0.00
HSL	53°, 100%, 90%
HSV	53°, 20%, 100%
XYZ	85.8972, 93.3232, 69.9737
YIQ	245.5500, 18.3420, -13.0340

Conversions

Conversions Part 2

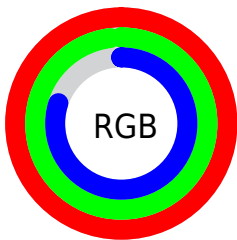
Format	Color
R _Y B	210, 255, 203
Decimal	16775627
CIE Lab	97.36, -5.20, 22.85
CIE LCh	97, 23.438, 102.827
Yxy	93.3232, 0.3447, 0.3745
Android (android.graphics.Color)	4294965707 (0xFFFFF9CB)
YUV	245.5500, -20.9771, 8.2877
Hunter-Lab	96.6039, -10.3402, 24.6769

Details

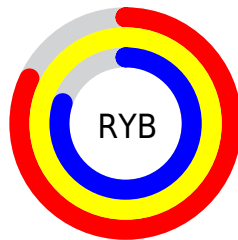
The Yxy color **93.3232, 0.3447, 0.3745** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.5048, 0.2789, 0.2790**, and the grayscale version is **91.9374, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.3156, 0.3511, 0.3844** is the 20% darker color. If you saturate the color by 10%, you get **90.4041, 0.3612, 0.3973**, and if you desaturate by 10%, it is **96.4734, 0.3286, 0.3518**.

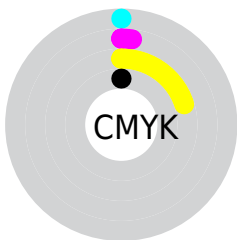
Distribution



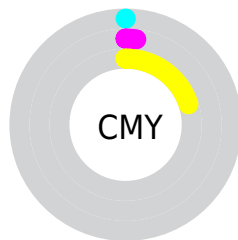
- Red (100%)
- Green (98%)
- Blue (80%)



- Red (82%)
- Yellow (100%)
- Blue (80%)



- Cyan (0%)
- Magenta (2%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.3232, 0.3447, 0.3745 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 93.3232, 0.3447, 0.3745 by changing the saturation by 10% instead.


 93.3232, 0.3447,
0.3745

 93.3232, 0.3447,
0.3745


538.7828, 0.3307,
0.3542

 70.7402, 0.3477,
0.3789

151.9460, 0.3400,
0.3676

 52.1302, 0.3513,
0.3843


188.7545, 0.3381,
0.3649

 37.1089, 0.3557,
0.3910


231.0737, 0.3365,
0.3625

 25.2918, 0.3613,
0.3995

279.2879, 0.3351,
0.3605

 16.2946, 0.3684,
0.4106

333.7815, 0.3338,
0.3586

 9.7328, 0.3777,
0.4256

394.9390, 0.3327,

 5.2222, 0.3903,

0.3570

0.4469

463.1446, 0.3316,
0.3555

■ 2.3782, 0.4133,
0.4857

■ 0.8146, 0.4428,
0.5572

■ 93.3232, 0.3447,
0.3745

■ 93.3232, 0.3447,
0.3745

■ 90.4041, 0.3612,
0.3973

■ 96.4734, 0.3286,
0.3518

■ 87.7021, 0.3777,
0.4193

99.8598, 0.3133,
0.3299

■ 85.2079, 0.3935,
0.4397

100.0000, 0.3127,
0.3290

■ 82.9098, 0.4079,
0.4574

■ 80.7945, 0.4203,
0.4715

■ 78.8472, 0.4302,
0.4812

■ 77.0498, 0.4372,
0.4863

■ 75.4378, 0.4416,
0.4876

Harmonies

Analogous

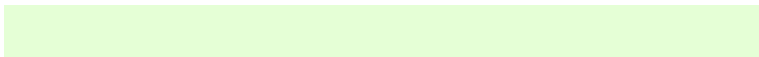
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.3232, 0.3609, 0.3640



93.3232, 0.3447, 0.3745



93.3232, 0.3203, 0.3722

Triad

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



93.3232, 0.3447, 0.3745



93.3232, 0.2642, 0.3095



93.3232, 0.3299, 0.3034

Complementary

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



93.3232, 0.3447, 0.3745



65.5048, 0.2789, 0.2790

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.



93.3232, 0.3035, 0.2900



93.3232, 0.3447, 0.3745



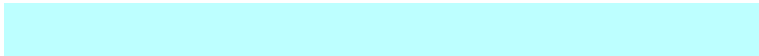
93.3232, 0.2664, 0.2925

Square

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



93.3232, 0.3447, 0.3745



93.3232, 0.2743, 0.3332



93.3232, 0.2805, 0.2858



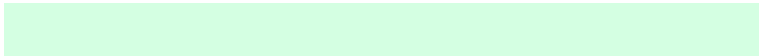
93.3232, 0.3523, 0.3232

Rectangle

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



93.3232, 0.3447, 0.3745



93.3232, 0.3029, 0.3632



93.3232, 0.2805, 0.2858



93.3232, 0.3211, 0.2981

Sweetspot

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



93.3246, 0.3447, 0.3745



97.9333, 0.3218, 0.3421



68.5697, 0.3490, 0.3229



20.9147, 0.3228, 0.3435



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

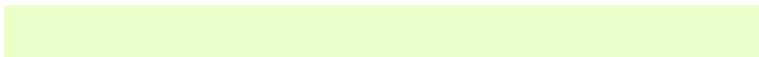
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.3246, 0.3447, 0.3745



92.2471, 0.3506, 0.3827



93.5034, 0.3304, 0.3823



20.7120, 0.3272, 0.3498



39.5604, 0.4412, 0.4879



3.9490, 0.4384, 0.4901

Inverse Universe

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



65.5048, 0.2789, 0.2790



60.3686, 0.2721, 0.2689



65.5994, 0.2921, 0.2745



17.7148, 0.2979, 0.3073



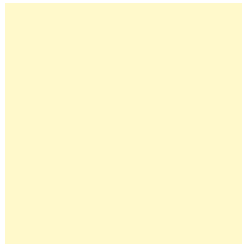
4.3482, 0.1523, 0.0681



0.5269, 0.1563, 0.0825

Previews

White Background



This preview shows how the Yxy color 93.3232, 0.3447, 0.3745 looks on a white background.

Color Contrast Check

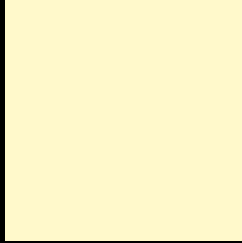
Large Text (above 18pt) WCAG AA × Fail

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 93.3232, 0.3447, 0.3745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

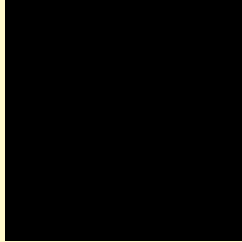
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.3232, 0.3447, 0.3745

Background



This preview shows how black text looks on a background with the Yxy color 93.3232, 0.3447, 0.3745.

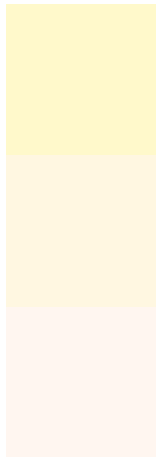


This preview shows how white text looks on a background with the Yxy color 93.3232, 0.3447, 0.3745.

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

93.3232, 0.3447, 0.3745

Protanopia

93.2178, 0.3313, 0.3506

Deuteranopia

93.4628, 0.3222, 0.3348



Tritanopia

93.1171, 0.3138, 0.3194

Trichromacy



Original Color

93.3232, 0.3447, 0.3745

Protanomaly

93.4046, 0.3361, 0.3595

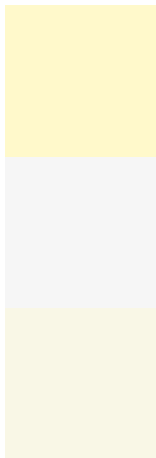
Deuteranomaly

93.3276, 0.3301, 0.3486

Tritanomaly

93.1697, 0.3252, 0.3397

Monochromacy



Original Color

93.3232, 0.3447, 0.3745

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.3744, 0.3242, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.3232, 0.3447, 0.3745 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, 249, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 203)  
}
```

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, 249, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 203) }
```

Border

The CSS property to change the border of an element to Yxy 93.3232, 0.3447, 0.3745 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, 249, 203) }
```

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

```
.border{ border-color:rgb(255, 249, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 93.3232, 0.3447, 0.3745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 203) }
```

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

```
.background{ background-color: rgb(255,  
249, 203) }
```

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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