

Converting Colors

$Y_{xy}(100.0000, 0.3604, 0.3648)$

Have a look what the booklet for
Yxy(100.0000, 0.3604, 0.3648)
contains.

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Color

Yxy(93.6645, 0.3403, 0.3675)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9D2
RGB	255, 249, 210
RGB Percent	100%, 98%, 82%
CMY	0.0002, 0.0234, 0.1765
CMYK	0.00, 0.02, 0.18, 0.00
HSL	52°, 100%, 91%
HSV	52°, 18%, 100%
XYZ	86.7321, 93.6645, 74.4728
YIQ	246.3480, 16.0950, -10.8570

Conversions

Conversions Part 2

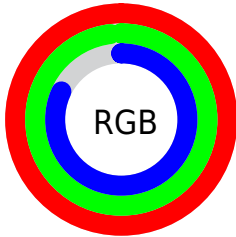
Format	Color
R_{YB}	217, 255, 210
Decimal	16775634
CIE _{Lab}	97.50, -4.24, 19.47
CIE _{LCh}	97, 19.925, 102.278
Yxy	93.6645, 0.3403, 0.3675
Android (android.graphics.Color)	4294965714 (0xFFFFF9D2)
YUV	246.3480, -17.9196, 7.5878
Hunter-Lab	96.7804, -9.3988, 22.1225

Details

The Yxy color **93.6645, 0.3403, 0.3675** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **69.9825, 0.2839, 0.2873**, and the grayscale version is **92.5898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.5123, 0.3463, 0.3767** is the 20% darker color. If you saturate the color by 10%, you get **90.4402, 0.3569, 0.3899**, and if you desaturate by 10%, it is **97.1367, 0.3243, 0.3454**.

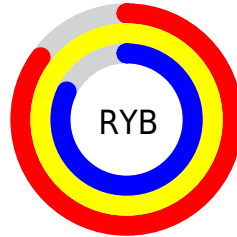
Distribution



Red (100%)

Green (98%)

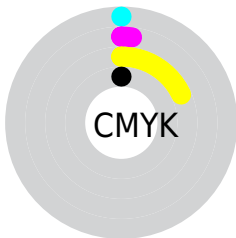
Blue (82%)



Red (85%)

Yellow (100%)

Blue (82%)

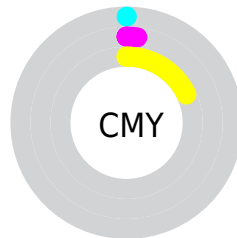


Cyan (0%)

Magenta (2%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.6645, 0.3403, 0.3675 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 93.6645, 0.3403, 0.3675 by changing the saturation by 10% instead.

 93.6645, 0.3403,
0.3675

 93.6645, 0.3403,
0.3675


539.8806, 0.3282,
0.3504

 71.0239, 0.3429,
0.3713


152.4183, 0.3362,
0.3617

 52.3617, 0.3461,
0.3758


189.3003, 0.3346,
0.3594

 37.2935, 0.3499,
0.3815


231.6982, 0.3332,
0.3574

 25.4348, 0.3548,
0.3887

279.9964, 0.3320,
0.3556

 16.4013, 0.3611,
0.3981

334.5794, 0.3309,
0.3541

 9.8086, 0.3694,
0.4109

395.8315, 0.3299,

 5.2722, 0.3810,

0.3527

0.4293

464.1371, 0.3290,
0.3515

■ 2.4079, 0.3988,
0.4588

■ 0.8299, 0.4523,
0.5477

■ 93.6645, 0.3403,
0.3675

■ 93.6645, 0.3403,
0.3675

■ 90.4402, 0.3569,
0.3899

■ 97.1367, 0.3243,
0.3454

■ 87.4414, 0.3737,
0.4120

99.9895, 0.3127,
0.3290

■ 84.6620, 0.3901,
0.4326

■ 82.0902, 0.4054,
0.4509

■ 79.7135, 0.4190,
0.4659

■ 77.5172, 0.4301,
0.4767

■ 75.4845, 0.4385,
0.4829

■ 73.5929, 0.4440,
0.4847

■ 73.1581, 0.4451,
0.4848

Harmonies

Analogous

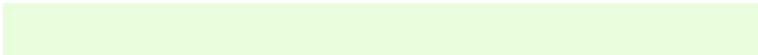
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.6645, 0.3538, 0.3587



93.6645, 0.3403, 0.3675



93.6645, 0.3197, 0.3656

Triad

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



93.6645, 0.3403, 0.3675



93.6645, 0.2714, 0.3130



93.6645, 0.3270, 0.3069

Complementary

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



93.6645, 0.3403, 0.3675



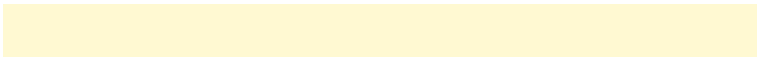
69.9825, 0.2839, 0.2873

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.



93.6645, 0.3045, 0.2954



93.6645, 0.3403, 0.3675



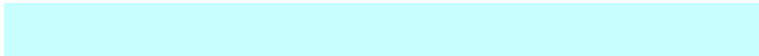
93.6645, 0.2731, 0.2982

Square

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



93.6645, 0.3403, 0.3675



93.6645, 0.2802, 0.3331



93.6645, 0.2850, 0.2922



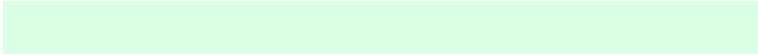
93.6645, 0.3460, 0.3238

Rectangle

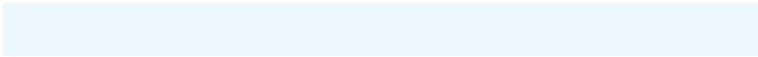
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.6645, 0.3403, 0.3675



93.6645, 0.3048, 0.3581



93.6645, 0.2850, 0.2922



93.6645, 0.3195, 0.3023

Sweetspot

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



93.6687, 0.3403, 0.3675



98.1392, 0.3202, 0.3397



72.2949, 0.3425, 0.3230



20.9509, 0.3213, 0.3412



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

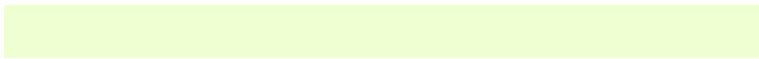
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.6687, 0.3403, 0.3675



92.6010, 0.3458, 0.3751



94.3945, 0.3285, 0.3746



20.6585, 0.3272, 0.3495



38.4044, 0.4446, 0.4852



3.8478, 0.4413, 0.4878

Inverse Universe

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



69.9825, 0.2839, 0.2873



65.0570, 0.2778, 0.2783



69.5502, 0.2947, 0.2824



17.7632, 0.2979, 0.3077



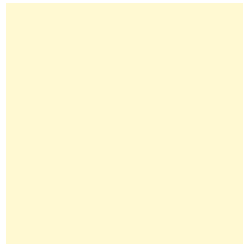
4.4759, 0.1528, 0.0699



0.5496, 0.1571, 0.0855

Previews

White Background



This preview shows how the Yxy color 93.6645, 0.3403, 0.3675 looks on a white background.

Color Contrast Check

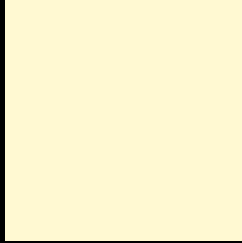
Large Text (above 18pt) WCAG AA × Fail

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 93.6645, 0.3403, 0.3675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

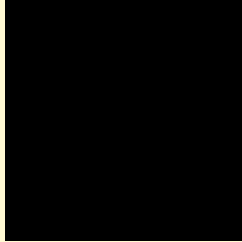
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

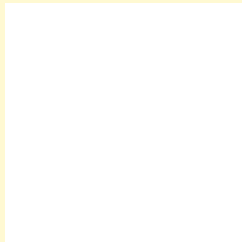
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.6645, 0.3403, 0.3675

Background



This preview shows how black text looks on a background with the Yxy color 93.6645, 0.3403, 0.3675.

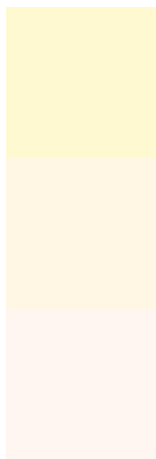


This preview shows how white text looks on a background with the Yxy color 93.6645, 0.3403, 0.3675.

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

93.6645, 0.3403, 0.3675

Protanopia

93.3830, 0.3294, 0.3476

Deuteranopia

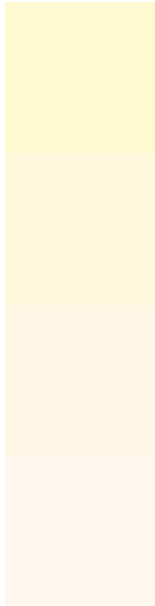
93.5823, 0.3209, 0.3329



Tritanopia

93.7848, 0.3132, 0.3194

Trichromacy



Original Color

93.6645, 0.3403, 0.3675

Protanomaly

93.6153, 0.3337, 0.3555

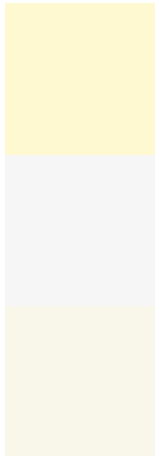
Deuteranomaly

93.4947, 0.3282, 0.3456

Tritanomaly

93.4035, 0.3228, 0.3358

Monochromacy



Original Color

93.6645, 0.3403, 0.3675

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.5445, 0.3224, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.6645, 0.3403, 0.3675 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 210) }
```

Border

The CSS property to change the border of an element to Yxy 93.6645, 0.3403, 0.3675 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, 210) }
```

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

```
.border{ border-color:rgb(255, 249, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 93.6645, 0.3403, 0.3675 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, 210) }
```

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

```
.background{ background-color: rgb(255,  
249, 210) }
```

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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