

Converting Colors

$Y_{xy}(100.0000, 0.3501, 0.3505)$

Have a look what the booklet for
Yxy(100.0000, 0.3501, 0.3505)
contains.

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Color

Yxy(94.4476, 0.3311, 0.3525)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9E1
RGB	255, 249, 225
RGB Percent	100%, 98%, 88%
CMY	0.0000, 0.0235, 0.1177
CMYK	0.00, 0.02, 0.12, 0.00
HSL	48°, 100%, 94%
HSV	48°, 12%, 100%
XYZ	88.7138, 94.4476, 84.7751
YIQ	248.0580, 11.2800, -6.1920

Conversions

Conversions Part 2

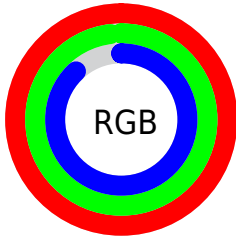
Format	Color
R _Y B	233, 255, 225
Decimal	16775649
CIE Lab	97.81, -1.93, 12.24
CIE LCh	98, 12.387, 98.968
Yxy	94.4476, 0.3311, 0.3525
Android (android.graphics.Color)	4294965729 (0xFFFFF9E1)
YUV	248.0580, -11.3676, 6.0881
Hunter-Lab	97.1842, -7.1300, 16.3094

Details

The Yxy color 94.4476, 0.3311, 0.3525 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 80.3687, 0.2941, 0.3044, and the grayscale version is 94.0031, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.0480, 0.3345, 0.3577 is the 20% darker color. If you saturate the color by 10%, you get 90.0458, 0.3479, 0.3732, and if you desaturate by 10%, it is 99.1375, 0.3154, 0.3325.

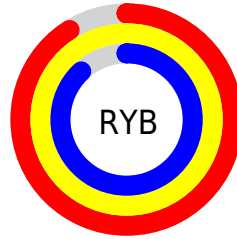
Distribution



Red (100%)

Green (98%)

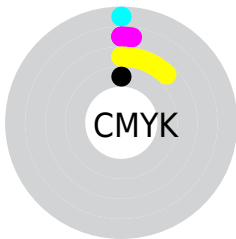
Blue (88%)



Red (91%)

Yellow (100%)

Blue (88%)

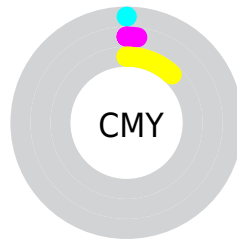


Cyan (0%)

Magenta (2%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (2%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.4476, 0.3311, 0.3525 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 94.4476, 0.3311, 0.3525 by changing the saturation by 10% instead.


 94.4476, 0.3311,
0.3525

 94.4476, 0.3311,
0.3525

542.3950, 0.3230,
0.3421

 71.6753, 0.3329,
0.3548

153.5012, 0.3284,
0.3490

 52.8935, 0.3350,
0.3575


190.5513, 0.3273,
0.3476

 37.7177, 0.3376,
0.3610


233.1295, 0.3263,
0.3464

 25.7637, 0.3409,
0.3653

281.6201, 0.3255,
0.3453

 16.6469, 0.3453,
0.3710

336.4076, 0.3248,
0.3444

 9.9831, 0.3512,
0.3789

397.8763, 0.3241,

 5.3877, 0.3597,

0.3435

0.3903

466.4106, 0.3235,
0.3428

■ 2.4765, 0.3727,
0.4081

■ 0.8648, 0.4490,
0.5011

■ 94.4476, 0.3311,
0.3525

■ 94.4476, 0.3311,
0.3525

■ 90.0458, 0.3479,
0.3732

■ 99.1375, 0.3154,
0.3325

■ 85.9302, 0.3655,
0.3941

100.0000, 0.3127,
0.3290

■ 82.0876, 0.3834,
0.4144

■ 78.5067, 0.4012,
0.4331

■ 75.1749, 0.4179,
0.4492

■ 72.0783, 0.4328,
0.4616

■ 69.2010, 0.4453,
0.4696

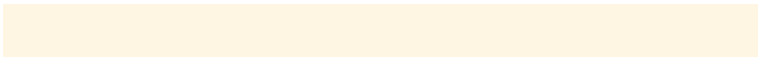
■ 66.5240, 0.4548,
0.4729

■ 64.4481, 0.4606,
0.4725

Harmonies

Analogous

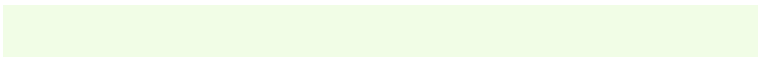
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.4476, 0.3386, 0.3467



94.4476, 0.3311, 0.3525



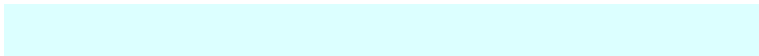
94.4476, 0.3187, 0.3518

Triad

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



94.4476, 0.3311, 0.3525



94.4476, 0.2871, 0.3206



94.4476, 0.3201, 0.3141

Complementary

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



94.4476, 0.3311, 0.3525



80.3687, 0.2941, 0.3044

Split Complementary

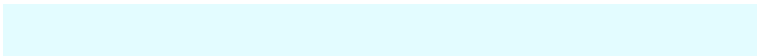
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.4476, 0.3063, 0.3074



94.4476, 0.3311, 0.3525



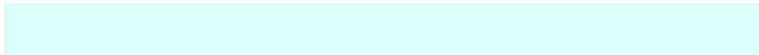
94.4476, 0.2874, 0.3108

Square

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



94.4476, 0.3311, 0.3525



94.4476, 0.2935, 0.3331



94.4476, 0.2944, 0.3061



94.4476, 0.3322, 0.3246

Rectangle

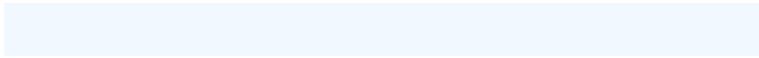
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.4476, 0.3311, 0.3525



94.4476, 0.3095, 0.3477



94.4476, 0.2944, 0.3061



94.4476, 0.3155, 0.3113

Sweetspot

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



94.4449, 0.3311, 0.3525



98.0658, 0.3188, 0.3368



80.8700, 0.3299, 0.3231



20.9134, 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.



94.4449, 0.3311, 0.3525



93.4395, 0.3347, 0.3571



96.5472, 0.3245, 0.3587



20.4372, 0.3274, 0.3479



33.8925, 0.4598, 0.4731



3.4494, 0.4543, 0.4775

Inverse Universe

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



80.3687, 0.2941, 0.3044



76.9586, 0.2904, 0.2993



78.5516, 0.2999, 0.2986



17.9658, 0.2979, 0.3094



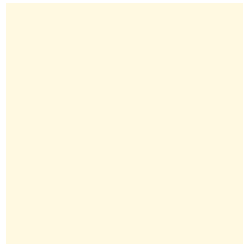
5.1746, 0.1554, 0.0794



0.6488, 0.1607, 0.0984

Previews

White Background



This preview shows how the Yxy color 94.4476, 0.3311, 0.3525 looks on a white background.

Color Contrast Check

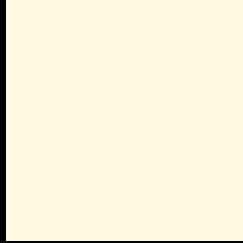
Large Text (above 18pt) WCAG AA × Fail

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 94.4476, 0.3311, 0.3525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

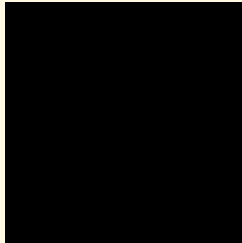
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.4476, 0.3311, 0.3525

Background



This preview shows how black text looks on a background with the Yxy color 94.4476, 0.3311, 0.3525.

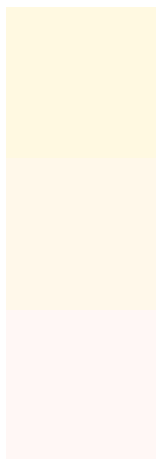


This preview shows how white text looks on a background with the Yxy color 94.4476, 0.3311, 0.3525.

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

94.4476, 0.3311, 0.3525

Protanopia

94.3353, 0.3257, 0.3426

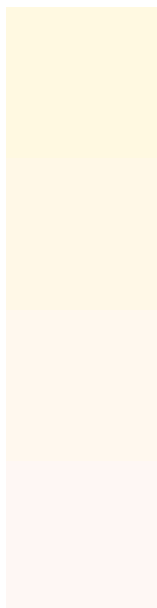
Deuteranopia

94.3741, 0.3191, 0.3309

Tritanopia

94.2024, 0.3125, 0.3204

Trichromacy



Original Color

94.4476, 0.3311, 0.3525

Protanomaly

94.1643, 0.3275, 0.3456

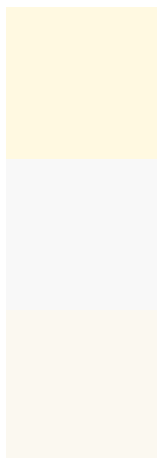
Deuteranomaly

94.5678, 0.3232, 0.3387

Tritanomaly

94.1240, 0.3190, 0.3319

Monochromacy



Original Color

94.4476, 0.3311, 0.3525

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.9353, 0.3194, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.4476, 0.3311, 0.3525 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 225) }
```

Border

The CSS property to change the border of an element to Yxy 94.4476, 0.3311, 0.3525 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, 225) }
```

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

```
.border{ border-color:rgb(255, 249, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 94.4476, 0.3311, 0.3525 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, 225) }
```

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

```
.background{ background-color: rgb(255,  
249, 225) }
```

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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