

Converting Colors

$Yxy(93.8073, 0.3304, 0.3501)$

Have a look what the booklet for
Yxy(93.8073, 0.3304, 0.3501)
contains.

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Color

Yxy(93.8858, 0.3306, 0.3505)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8E2
RGB	255, 248, 226
RGB Percent	100%, 97%, 89%
CMY	0.0000, 0.0275, 0.1136
CMYK	0.00, 0.03, 0.11, 0.00
HSL	45°, 100%, 94%
HSV	45°, 11%, 100%
XYZ	88.5553, 93.8858, 85.4213
YIQ	247.5850, 11.2340, -5.3580

Conversions

Conversions Part 2

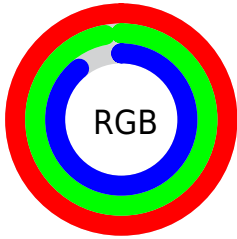
Format	Color
R _Y B	235, 255, 226
Decimal	16775394
CIE Lab	97.59, -1.25, 11.38
CIE LCh	98, 11.447, 96.255
Yxy	93.8858, 0.3306, 0.3505
Android (android.graphics.Color)	4294965474 (0xFFFFF8E2)
YUV	247.5850, -10.6414, 6.5030
Hunter-Lab	96.8947, -6.4285, 15.5568

Details

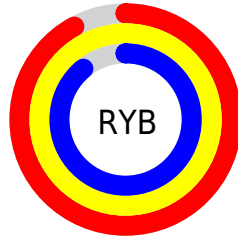
The Yxy color **93.8858, 0.3306, 0.3505** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.6927, 0.2948, 0.3065**, and the grayscale version is **93.5877, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.6453, 0.3339, 0.3552** is the 20% darker color. If you saturate the color by 10%, you get **88.8456, 0.3476, 0.3702**, and if you desaturate by 10%, it is **99.2422, 0.3148, 0.3315**.

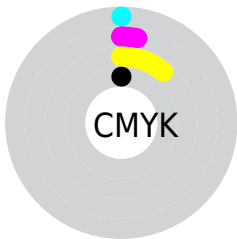
Distribution



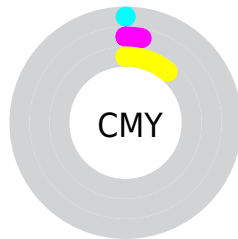
- Red (100%)
- Green (97%)
- Blue (89%)



- Red (92%)
- Yellow (100%)
- Blue (89%)



- Cyan (0%)
- Magenta (3%)
- Yellow (11%)
- Black (0%)





- Cyan (0%)
- Magenta (3%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.8858, 0.3306, 0.3505 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 93.8858, 0.3306, 0.3505 by changing the saturation by 10% instead.


 93.8858, 0.3306,
0.3505

 93.8858, 0.3306,
0.3505


540.5918, 0.3227,
0.3410

 71.2080, 0.3323,
0.3526


152.7244, 0.3279,
0.3473

 52.5119, 0.3344,
0.3551


189.6540, 0.3269,
0.3460

 37.4133, 0.3370,
0.3582

232.1029, 0.3260,
0.3449

 25.5276, 0.3402,
0.3622

280.4556, 0.3251,
0.3439

 16.4706, 0.3445,
0.3675

335.0964, 0.3244,
0.3431

 9.8578, 0.3504,
0.3746

396.4098, 0.3238,

 5.3048, 0.3587,

0.3423

0.3851

464.7801, 0.3232,
0.3416

■ 2.4272, 0.3718,
0.4015

■ 0.8398, 0.4447,
0.4864

■ 93.8858, 0.3306,
0.3505

■ 93.8858, 0.3306,
0.3505

■ 88.8456, 0.3476,
0.3702

■ 99.2422, 0.3148,
0.3315

■ 84.1371, 0.3657,
0.3901

■ 100.0000, 0.3127,
0.3290

■ 79.7407, 0.3845,
0.4096

■ 75.6444, 0.4033,
0.4276

■ 71.8354, 0.4214,
0.4432

■ 68.2990, 0.4380,
0.4552

■ 65.0191, 0.4522,
0.4628

■ 61.9761, 0.4635,
0.4654

■ 59.5136, 0.4709,
0.4643

Harmonies

Analogous

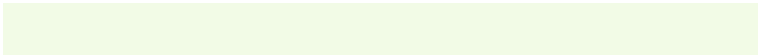
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.8858, 0.3370, 0.3447



93.8858, 0.3306, 0.3505



93.8858, 0.3195, 0.3504

Triad

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



93.8858, 0.3306, 0.3505



93.8858, 0.2893, 0.3222



93.8858, 0.3185, 0.3144

Complementary

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



93.8858, 0.3306, 0.3505



81.6927, 0.2948, 0.3065

Split Complementary

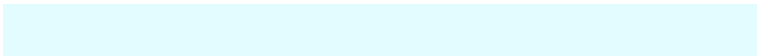
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.8858, 0.3056, 0.3086



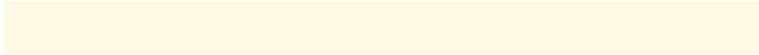
93.8858, 0.3306, 0.3505



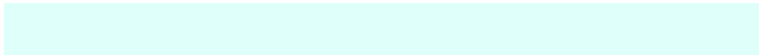
93.8858, 0.2890, 0.3128

Square

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



93.8858, 0.3306, 0.3505



93.8858, 0.2957, 0.3338



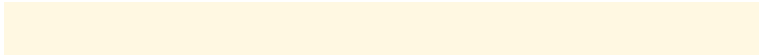
93.8858, 0.2949, 0.3079



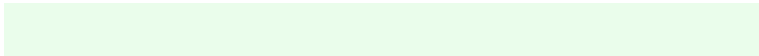
93.8858, 0.3299, 0.3240

Rectangle

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



93.8858, 0.3306, 0.3505



93.8858, 0.3109, 0.3469



93.8858, 0.2949, 0.3079



93.8858, 0.3142, 0.3120

Sweetspot

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



93.8772, 0.3306, 0.3505



98.3409, 0.3173, 0.3346



81.5639, 0.3283, 0.3219



20.9552, 0.3185, 0.3361



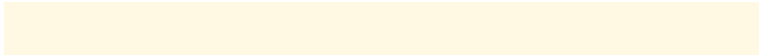
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



93.8772, 0.3306, 0.3505



92.5186, 0.3349, 0.3557



96.9241, 0.3251, 0.3576



20.3016, 0.3275, 0.3469



31.3421, 0.4699, 0.4651



3.2213, 0.4629, 0.4707

Inverse Universe

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



81.6927, 0.2948, 0.3065



77.7827, 0.2904, 0.3009



78.9941, 0.2994, 0.2996



18.0918, 0.2979, 0.3104



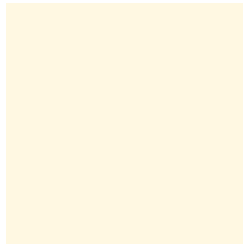
5.7507, 0.1575, 0.0869



0.7214, 0.1632, 0.1075

Previews

White Background



This preview shows how the Yxy color 93.8858, 0.3306, 0.3505 looks on a white background.

Color Contrast Check

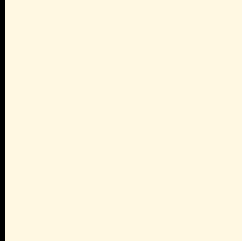
Large Text (above 18pt) WCAG AA × Fail

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 93.8858, 0.3306, 0.3505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

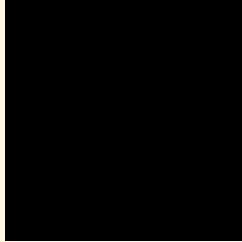
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.8858, 0.3306, 0.3505

Background



This preview shows how black text looks on a background with the Yxy color 93.8858, 0.3306, 0.3505.

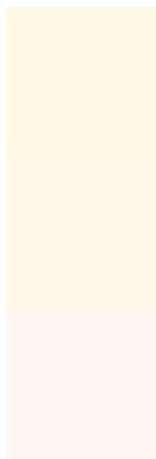


This preview shows how white text looks on a background with the Yxy color 93.8858, 0.3306, 0.3505.

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

93.8858, 0.3306, 0.3505

Protanopia

93.6077, 0.3270, 0.3437

Deuteranopia

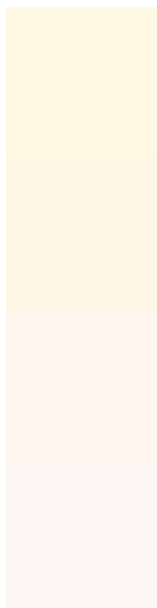
93.7032, 0.3197, 0.3310



Tritanopia

93.5956, 0.3125, 0.3194

Trichromacy



Original Color

93.8858, 0.3306, 0.3505

Protanomaly

93.4947, 0.3282, 0.3456

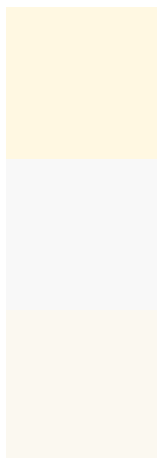
Deuteranomaly

93.8960, 0.3239, 0.3387

Tritanomaly

93.5140, 0.3191, 0.3310

Monochromacy



Original Color

93.8858, 0.3306, 0.3505

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 93.8858, 0.3306, 0.3505 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 226) }
```

Border

The CSS property to change the border of an element to Yxy 93.8858, 0.3306, 0.3505 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, 226) }
```

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

```
.border{ border-color:rgb(255, 248, 226) }
```

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, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 93.8858, 0.3306, 0.3505 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, 226) }
```

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

```
.background{ background-color: rgb(255,  
248, 226) }
```

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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