

Converting Colors

$Yxy(93.3585, 0.3307, 0.3497)$

Have a look what the booklet for
Yxy(93.3585, 0.3307, 0.3497)
contains.

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Color

Yxy(93.2725, 0.3307, 0.3496)

Conversions

Conversions Part 1

Format	Color
Hex	FFF7E2
RGB	255, 247, 226
RGB Percent	100%, 97%, 89%
CMY	0.0000, 0.0314, 0.1138
CMYK	0.00, 0.03, 0.11, 0.00
HSL	43°, 100%, 94%
HSV	43°, 11%, 100%
XYZ	88.2300, 93.2725, 85.2952
YIQ	246.9980, 11.5090, -4.8350

Conversions

Conversions Part 2

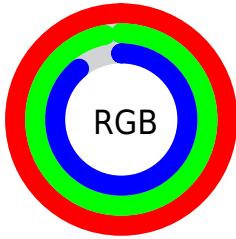
Format	Color
R _Y B	237, 255, 226
Decimal	16775138
CIE Lab	97.34, -0.78, 11.04
CIE LCh	97, 11.070, 94.028
Yxy	93.2725, 0.3307, 0.3496
Android (android.graphics.Color)	4294965218 (0xFFFFF7E2)
YUV	246.9980, -10.3520, 7.0178
Hunter-Lab	96.5777, -5.9396, 15.2408

Details

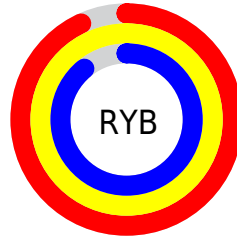
The Yxy color **93.2725, 0.3307, 0.3496** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.2241, 0.2948, 0.3075**, and the grayscale version is **93.0889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.2076, 0.3341, 0.3540** is the 20% darker color. If you saturate the color by 10%, you get **87.7586, 0.3480, 0.3685**, and if you desaturate by 10%, it is **99.1600, 0.3148, 0.3314**.

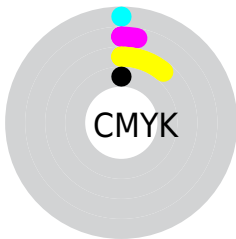
Distribution



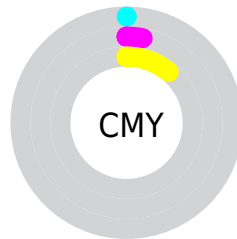
- Red (100%)
- Green (97%)
- Blue (89%)



- Red (93%)
- 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 93.2725, 0.3307, 0.3496 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 93.2725, 0.3307, 0.3496 by changing the saturation by 10% instead.


 93.2725, 0.3307,
0.3496

 93.2725, 0.3307,
0.3496


538.6197, 0.3227,
0.3405

 70.6980, 0.3324,
0.3516


151.8758, 0.3280,
0.3465

 52.0958, 0.3345,
0.3540

188.6735, 0.3269,
0.3453

 37.0814, 0.3371,
0.3570


230.9809, 0.3260,
0.3442

 25.2705, 0.3405,
0.3609

279.1826, 0.3252,
0.3433

 16.2787, 0.3448,
0.3659

333.6630, 0.3245,
0.3425

 9.7216, 0.3507,
0.3728

394.8063, 0.3238,

 5.2148, 0.3593,

0.3417

0.3828

462.9971, 0.3233,
0.3411

■ 2.3738, 0.3727,
0.3985

■ 0.8124, 0.4488,
0.4841

■ 93.2725, 0.3307,
0.3496

■ 93.2725, 0.3307,
0.3496

■ 87.7586, 0.3480,
0.3685

■ 99.1600, 0.3148,
0.3314

■ 82.6023, 0.3665,
0.3877

100.0000, 0.3127,
0.3290

■ 77.7938, 0.3859,
0.4064

■ 73.3204, 0.4056,
0.4238

■ 69.1687, 0.4249,
0.4388

■ 65.3235, 0.4427,
0.4503

■ 61.7679, 0.4583,
0.4573

■ 58.4817, 0.4709,
0.4593

■ 55.8387, 0.4795,
0.4575

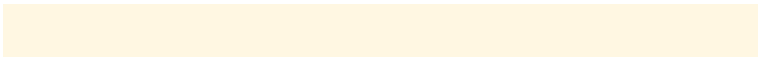
Harmonies

Analogous

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



93.2725, 0.3365, 0.3437



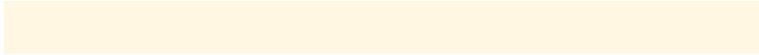
93.2725, 0.3307, 0.3496



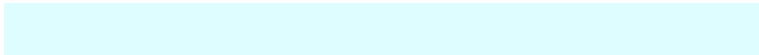
93.2725, 0.3201, 0.3500

Triad

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



93.2725, 0.3307, 0.3496



93.2725, 0.2902, 0.3232



93.2725, 0.3174, 0.3143

Complementary

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



93.2725, 0.3307, 0.3496



82.2241, 0.2948, 0.3075

Split Complementary

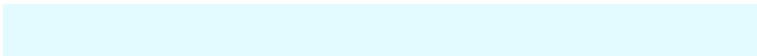
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.2725, 0.3050, 0.3090



93.2725, 0.3307, 0.3496



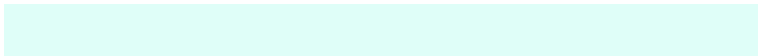
93.2725, 0.2895, 0.3138

Square

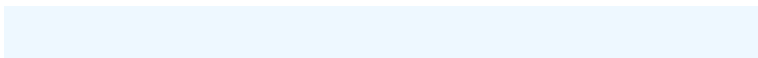
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



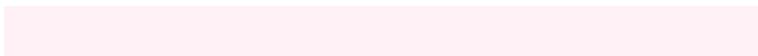
93.2725, 0.3307, 0.3496



93.2725, 0.2969, 0.3345



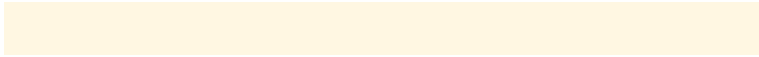
93.2725, 0.2948, 0.3087



93.2725, 0.3287, 0.3234

Rectangle

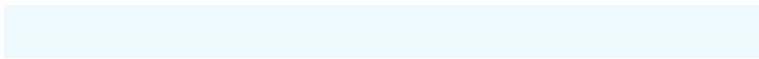
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.2725, 0.3307, 0.3496



93.2725, 0.3119, 0.3469



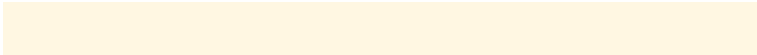
93.2725, 0.2948, 0.3087



93.2725, 0.3132, 0.3120

Sweetspot

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



93.2742, 0.3307, 0.3496



98.1791, 0.3173, 0.3343



81.5991, 0.3277, 0.3209



20.9114, 0.3185, 0.3358



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.



93.2742, 0.3307, 0.3496



91.7920, 0.3351, 0.3545



97.0976, 0.3257, 0.3575



20.1943, 0.3276, 0.3461



29.4400, 0.4783, 0.4584



3.0496, 0.4700, 0.4650

Inverse Universe

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



82.2241, 0.2948, 0.3075



78.4427, 0.2905, 0.3021



78.8084, 0.2988, 0.2995



18.1925, 0.2979, 0.3113



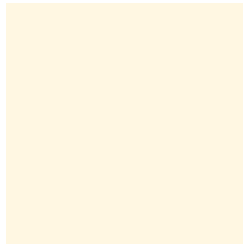
6.2928, 0.1594, 0.0938



0.7862, 0.1654, 0.1153

Previews

White Background



This preview shows how the Yxy color 93.2725, 0.3307, 0.3496 looks on a white background.

Color Contrast Check

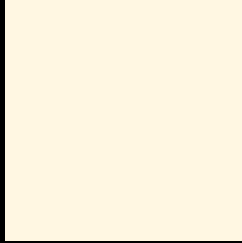
Large Text (above 18pt) WCAG AA × Fail

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 93.2725, 0.3307, 0.3496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

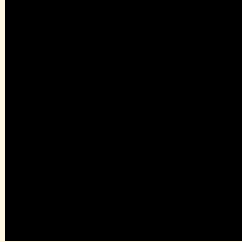
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.2725, 0.3307, 0.3496

Background



This preview shows how black text looks on a background with the Yxy color 93.2725, 0.3307, 0.3496.

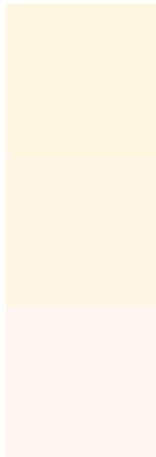


This preview shows how white text looks on a background with the Yxy color 93.2725, 0.3307, 0.3496.

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

93.2725, 0.3307, 0.3496

Protanopia

93.4947, 0.3282, 0.3456

Deuteranopia

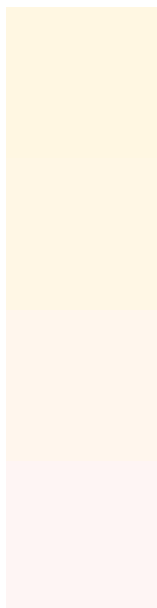
93.0359, 0.3204, 0.3310



Tritanopia

92.9922, 0.3126, 0.3185

Trichromacy



Original Color

93.2725, 0.3307, 0.3496

Protanomaly

93.4387, 0.3288, 0.3466

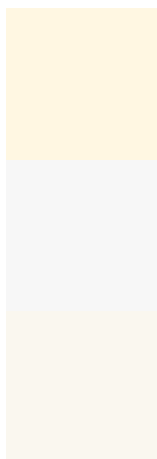
Deuteranomaly

93.2860, 0.3240, 0.3378

Tritanomaly

92.9073, 0.3191, 0.3300

Monochromacy



Original Color

93.2725, 0.3307, 0.3496

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.0775, 0.3194, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.2725, 0.3307, 0.3496 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, 247, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 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, 247, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 226) }
```

Border

The CSS property to change the border of an element to Yxy 93.2725, 0.3307, 0.3496 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, 247, 226) }
```

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

```
.border{ border-color:rgb(255, 247, 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, 247, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 93.2725, 0.3307, 0.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 226) }
```

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

```
.background{ background-color: rgb(255,  
247, 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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