

Converting Colors

$Yxy(93.8129, 0.3504, 0.3913)$

Have a look what the booklet for
Yxy(93.8129, 0.3504, 0.3913)
contains.

Yxy(93.9904, 0.3506, 0.3917)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(93.9904, 0.3506, 0.3917)

Conversions

Conversions Part 1

Format	Color
Hex	FCFCBD
RGB	252, 252, 189
RGB Percent	99%, 99%, 74%
CMY	0.0119, 0.0117, 0.2589
CMYK	0.00, 0.00, 0.25, 0.01
HSL	60°, 91%, 86%
HSV	60°, 25%, 99%
XYZ	84.1282, 93.9904, 61.8364
YIQ	244.8180, 20.2230, -19.5930

Conversions

Conversions Part 2

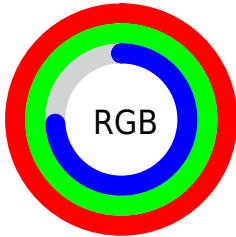
Format	Color
R _Y B	189, 252, 189
Decimal	16579773
CIE Lab	97.63, -9.71, 30.29
CIE LCh	98, 31.803, 107.770
Yxy	93.9904, 0.3506, 0.3917
Android (android.graphics.Color)	4294769853 (0xFFFCFCBD)
YUV	244.8180, -27.5183, 6.2986
Hunter-Lab	96.9486, -14.7648, 30.0473

Details

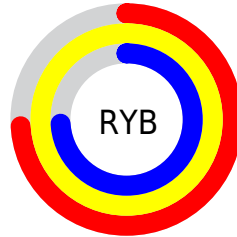
The Yxy color **93.9904, 0.3506, 0.3917** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.2366, 0.2695, 0.2576**, and the grayscale version is **91.3671, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **52.8312, 0.3583, 0.4060** is the 20% darker color. If you saturate the color by 10%, you get **92.9895, 0.3656, 0.4165**, and if you desaturate by 10%, it is **95.1898, 0.3353, 0.3664**.

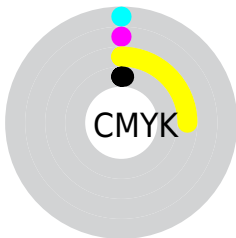
Distribution



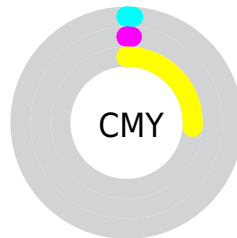
- Red (99%)
- Green (99%)
- Blue (74%)



- Red (74%)
- Yellow (99%)
- Blue (74%)



- Cyan (0%)
- Magenta (0%)
- Yellow (25%)
- Black (1%)




- Cyan (1%)
- Magenta (1%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.9904, 0.3506, 0.3917 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 93.9904, 0.3506, 0.3917 by changing the saturation by 10% instead.


 93.9904, 0.3506,
0.3917

 93.9904, 0.3506,
0.3917


540.9278, 0.3343,
0.3636

 71.2950, 0.3540,
0.3978


 152.8691, 0.3452,
0.3822

 52.5829, 0.3581,
0.4053


189.8211, 0.3430,
0.3784

 37.4699, 0.3630,
0.4145


232.2941, 0.3411,
0.3751

 25.5716, 0.3690,
0.4262

280.6725, 0.3394,
0.3723

 16.5034, 0.3764,
0.4413

335.3407, 0.3379,
0.3697

 9.8811, 0.3857,
0.4615

396.6830, 0.3366,

 5.3202, 0.3969,

0.3675

0.4895

465.0839, 0.3354,
0.3655

■ 2.4363, 0.4349,
0.5633

■ 0.8445, 0.4012,
0.5988

■ 93.9904, 0.3506,
0.3917

■ 93.9904, 0.3506,
0.3917

■ 92.9895, 0.3656,
0.4165

■ 95.1898, 0.3353,
0.3664

■ 92.1648, 0.3796,
0.4398


■ 96.5843, 0.3201,
0.3413


■ 91.5096, 0.3921,
0.4605

■ 97.5541, 0.3110,
0.3261

■ 91.0122, 0.4026,
0.4778


■ 97.5583, 0.3110,
0.3261

 90.6592, 0.4105,
0.4909

 97.5625, 0.3110,
0.3261


 90.4349, 0.4158,
0.4997

 97.5667, 0.3110,
0.3261

 90.3202, 0.4185,
0.5042

 97.5709, 0.3111,
0.3261

 90.2902, 0.4192,
0.5054

 97.5751, 0.3111,
0.3261

 97.5792, 0.3111,
0.3261

Harmonies

Analogous

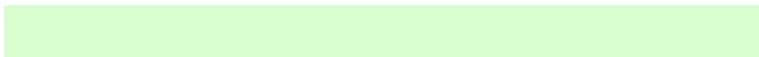
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.9904, 0.3753, 0.3790



93.9904, 0.3506, 0.3917



93.9904, 0.3166, 0.3861

Triad

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



93.9904, 0.3506, 0.3917



93.9904, 0.2473, 0.2974



93.9904, 0.3414, 0.2987

Complementary

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



93.9904, 0.3506, 0.3917



54.2366, 0.2695, 0.2576

Split Complementary

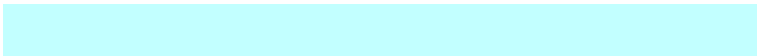
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.9904, 0.3057, 0.2793



93.9904, 0.3506, 0.3917



93.9904, 0.2529, 0.2774

Square

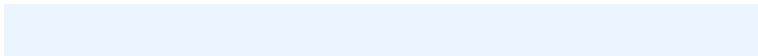
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.9904, 0.3506, 0.3917



93.9904, 0.2579, 0.3286



93.9904, 0.2736, 0.2714



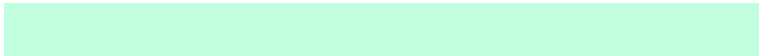
93.9904, 0.3703, 0.3254

Rectangle

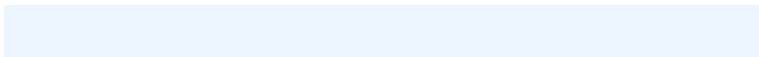
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.9904, 0.3506, 0.3917



93.9904, 0.2934, 0.3718



93.9904, 0.2736, 0.2714



93.9904, 0.3297, 0.2912

Sweetspot

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



93.9946, 0.3506, 0.3917



98.7516, 0.3246, 0.3487



60.7565, 0.3658, 0.3292



21.0899, 0.3269, 0.3525



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

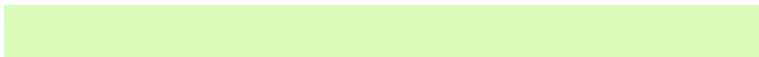
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.9946, 0.3506, 0.3917



96.0016, 0.3582, 0.4042



88.5993, 0.3294, 0.3962



20.1900, 0.3269, 0.3524



47.0253, 0.4192, 0.5054



4.3556, 0.4192, 0.5054

Inverse Universe

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



54.2366, 0.2695, 0.2576



48.7924, 0.2594, 0.2408



58.7072, 0.2919, 0.2619



16.6438, 0.2979, 0.3045



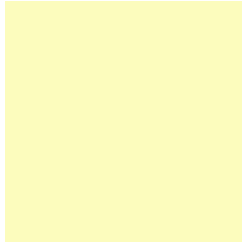
3.6622, 0.1500, 0.0600



0.3394, 0.1501, 0.0601

Previews

White Background



This preview shows how the Yxy color 93.9904, 0.3506, 0.3917 looks on a white background.

Color Contrast Check

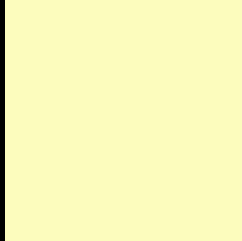
Large Text (above 18pt) WCAG AA × Fail

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 93.9904, 0.3506, 0.3917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

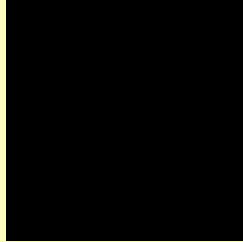
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.9904, 0.3506, 0.3917

Background



This preview shows how black text looks on a background with the Yxy color 93.9904, 0.3506, 0.3917.

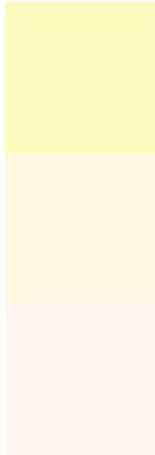


This preview shows how white text looks on a background with the Yxy color 93.9904, 0.3506, 0.3917.

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

93.9904, 0.3506, 0.3917

Protanopia

93.9409, 0.3300, 0.3496

Deuteranopia

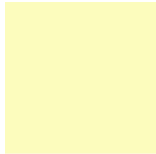
94.1324, 0.3215, 0.3348



Tritanopia

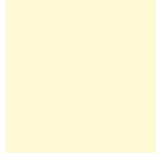
93.7848, 0.3132, 0.3194

Trichromacy



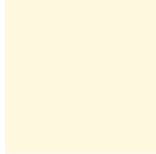
Original Color

93.9904, 0.3506, 0.3917



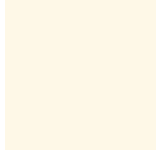
Protanomaly

93.6263, 0.3378, 0.3645



Deuteranomaly

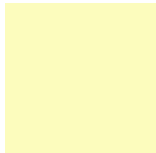
94.0961, 0.3322, 0.3555



Tritanomaly

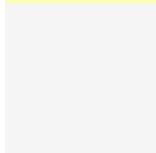
93.9752, 0.3268, 0.3456

Monochromacy



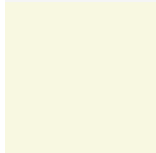
Original Color

93.9904, 0.3506, 0.3917



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.5275, 0.3265, 0.3519

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.9904, 0.3506, 0.3917 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(252, 252, 189)` looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 189)  
}
```

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(252, 252, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 189) }
```

Border

The CSS property to change the border of an element to Yxy 93.9904, 0.3506, 0.3917 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(252, 252, 189) }
```

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

```
.border{ border-color:rgb(252, 252, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 252, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 252, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 252, 189); box-shadow:4px 4px 4px 4px rgb(252, 252, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 93.9904, 0.3506, 0.3917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 252, 189) }
```

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

```
.background{ background-color: rgb(252,  
252, 189) }
```

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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