

Converting Colors

$Y_{xy}(100.0000, 0.3750, 0.3761)$

Have a look what the booklet for
Yxy(100.0000, 0.3750, 0.3761)
contains.

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Color

Yxy(92.3803, 0.3492, 0.3806)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8C4
RGB	255, 248, 196
RGB Percent	100%, 97%, 77%
CMY	0.0002, 0.0274, 0.2314
CMYK	0.00, 0.03, 0.23, 0.00
HSL	53°, 100%, 88%
HSV	53°, 23%, 100%
XYZ	84.7588, 92.3803, 65.5837
YIQ	244.1650, 20.8640, -14.6880

Conversions

Conversions Part 2

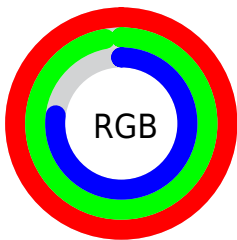
Format	Color
R_{YB}	204, 255, 196
Decimal	16775364
CIE _{Lab}	96.98, -5.70, 25.88
CIE _{LCh}	97, 26.500, 102.415
Yxy	92.3803, 0.3492, 0.3806
Android (android.graphics.Color)	4294965444 (0xFFFFF8C4)
YUV	244.1650, -23.7453, 9.5023
Hunter-Lab	96.1147, -10.7903, 26.8238

Details

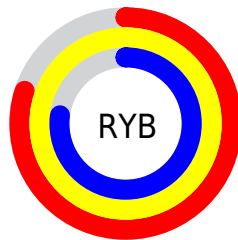
The Yxy color **92.3803, 0.3492, 0.3806** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.6319, 0.2738, 0.2715**, and the grayscale version is **90.7850, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **51.6580, 0.3569, 0.3921** is the 20% darker color. If you saturate the color by 10%, you get **89.4903, 0.3658, 0.4032**, and if you desaturate by 10%, it is **95.5054, 0.3329, 0.3579**.

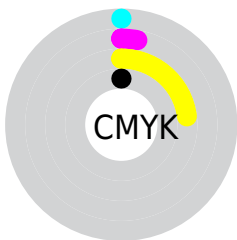
Distribution



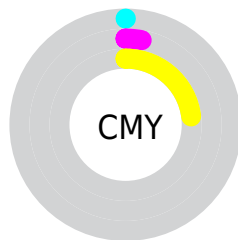
- Red (100%)
- Green (97%)
- Blue (77%)



- Red (80%)
- Yellow (100%)
- Blue (77%)



- Cyan (0%)
- Magenta (3%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (3%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.3803, 0.3492, 0.3806 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 92.3803, 0.3492, 0.3806 by changing the saturation by 10% instead.


 92.3803, 0.3492,
0.3806

 92.3803, 0.3492,
0.3806

535.7438, 0.3333,
0.3576

 69.9565, 0.3526,
0.3856

150.6404, 0.3439,
0.3728

 51.4911, 0.3567,
0.3918

187.2455, 0.3417,
0.3697

 36.5996, 0.3617,
0.3993

229.3465, 0.3399,
0.3670

 24.8976, 0.3679,
0.4089

277.3278, 0.3382,
0.3646

 16.0008, 0.3758,
0.4214

331.5738, 0.3368,
0.3626

 9.5247, 0.3861,
0.4382

392.4688, 0.3355,

 5.0850, 0.3997,

0.3607

0.4618

460.3974, 0.3343,
0.3591

■ 2.2972, 0.4325,
0.5145

■ 0.7722, 0.4351,
0.5649

■ 92.3803, 0.3492,
0.3806

■ 92.3803, 0.3492,
0.3806

■ 89.4903, 0.3658,
0.4032

■ 95.5054, 0.3329,
0.3579

■ 86.8129, 0.3822,
0.4249

■ 98.8627, 0.3174,
0.3357

■ 84.3412, 0.3977,
0.4446

■ 99.9920, 0.3127,
0.3290

■ 82.0632, 0.4118,
0.4613

■ 79.9654, 0.4236,
0.4742

■ 78.0320, 0.4328,
0.4827

■ 76.2440, 0.4391,
0.4866

■ 75.0805, 0.4421,
0.4872

Harmonies

Analogous

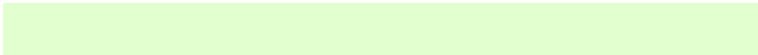
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.3803, 0.3675, 0.3682



92.3803, 0.3492, 0.3806



92.3803, 0.3216, 0.3785

Triad

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



92.3803, 0.3492, 0.3806



92.3803, 0.2580, 0.3070



92.3803, 0.3317, 0.2999

Complementary

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



92.3803, 0.3492, 0.3806



61.6319, 0.2738, 0.2715

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.



92.3803, 0.3017, 0.2849



92.3803, 0.3492, 0.3806



92.3803, 0.2603, 0.2878

Square

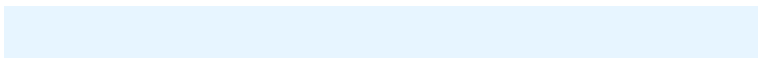
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.3803, 0.3492, 0.3806



92.3803, 0.2695, 0.3340



92.3803, 0.2759, 0.2803



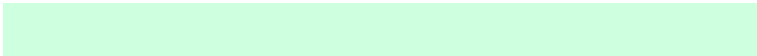
92.3803, 0.3574, 0.3219

Rectangle

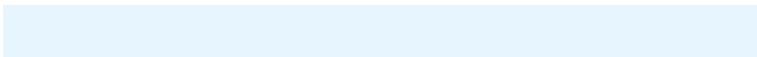
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.3803, 0.3492, 0.3806



92.3803, 0.3018, 0.3683



92.3803, 0.2759, 0.2803



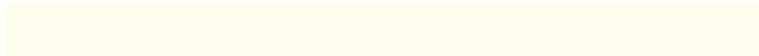
92.3803, 0.3217, 0.2939

Sweetspot

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



92.3844, 0.3492, 0.3806



97.5705, 0.3233, 0.3442



65.0819, 0.3544, 0.3210



20.8405, 0.3242, 0.3456



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

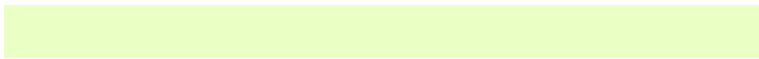
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.3844, 0.3492, 0.3806



90.9805, 0.3573, 0.3917



92.8589, 0.3334, 0.3898



20.7042, 0.3272, 0.3498



39.3909, 0.4417, 0.4875



3.9342, 0.4388, 0.4898

Inverse Universe

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



61.6319, 0.2738, 0.2715



55.0607, 0.2645, 0.2574



61.5405, 0.2881, 0.2663



17.7218, 0.2979, 0.3073



4.3658, 0.1523, 0.0684



0.5302, 0.1564, 0.0829

Previews

White Background



This preview shows how the Yxy color 92.3803, 0.3492, 0.3806 looks on a white background.

Color Contrast Check

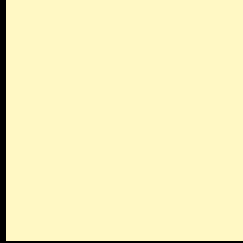
Large Text (above 18pt) WCAG AA × Fail

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 92.3803, 0.3492, 0.3806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

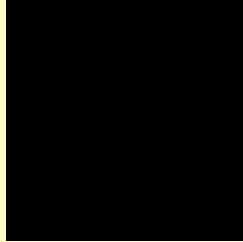
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.3803, 0.3492, 0.3806

Background



This preview shows how black text looks on a background with the Yxy color 92.3803, 0.3492, 0.3806.

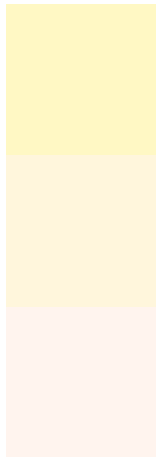


This preview shows how white text looks on a background with the Yxy color 92.3803, 0.3492, 0.3806.

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

92.3803, 0.3492, 0.3806

Protanopia

92.3388, 0.3345, 0.3546

Deuteranopia

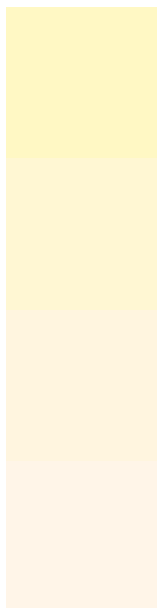
92.1344, 0.3236, 0.3349



Tritanopia

92.4530, 0.3145, 0.3194

Trichromacy



Original Color

92.3803, 0.3492, 0.3806

Protanomaly

92.4847, 0.3400, 0.3646

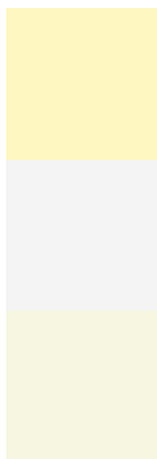
Deuteranomaly

91.8925, 0.3328, 0.3507

Tritanomaly

92.3910, 0.3272, 0.3417

Monochromacy



Original Color

92.3803, 0.3492, 0.3806

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.8073, 0.3256, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.3803, 0.3492, 0.3806 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 196) }
```

Border

The CSS property to change the border of an element to Yxy 92.3803, 0.3492, 0.3806 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, 196) }
```

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

```
.border{ border-color:rgb(255, 248, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 92.3803, 0.3492, 0.3806 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, 196) }
```

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

```
.background{ background-color: rgb(255,  
248, 196) }
```

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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