

Converting Colors

Yxy(92.6614, 0.3488, 0.3804)

Have a look what the booklet for
Yxy(92.6614, 0.3488, 0.3804)
contains.

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Color

Yxy(92.4260, 0.3486, 0.3796)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8C5
RGB	255, 248, 197
RGB Percent	100%, 97%, 77%
CMY	0.0001, 0.0274, 0.2275
CMYK	0.00, 0.03, 0.23, 0.00
HSL	53°, 100%, 89%
HSV	53°, 23%, 100%
XYZ	84.8780, 92.4260, 66.1786
YIQ	244.2790, 20.5430, -14.3770

Conversions

Conversions Part 2

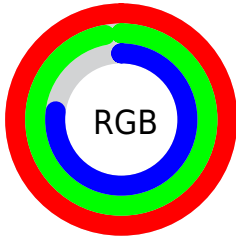
Format	Color
R_{YB}	205, 255, 197
Decimal	16775365
CIE _{Lab}	96.99, -5.55, 25.40
CIE _{LCh}	97, 26.003, 102.328
Yxy	92.4260, 0.3486, 0.3796
Android (android.graphics.Color)	4294965445 (0xFFFFF8C5)
YUV	244.2790, -23.3085, 9.4023
Hunter-Lab	96.1384, -10.6494, 26.4836

Details

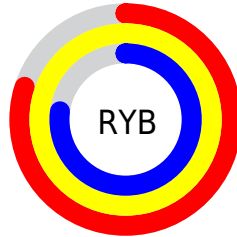
The Yxy color **92.4260, 0.3486, 0.3796** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **62.2483, 0.2745, 0.2728**, and the grayscale version is **90.8794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **51.6882, 0.3561, 0.3908** is the 20% darker color. If you saturate the color by 10%, you get **89.4906, 0.3652, 0.4022**, and if you desaturate by 10%, it is **95.5981, 0.3323, 0.3570**.

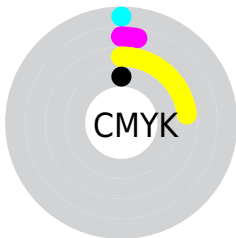
Distribution



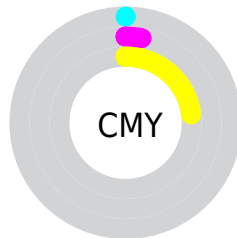
- Red (100%)
- Green (97%)
- Blue (77%)



- 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 92.4260, 0.3486, 0.3796 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 92.4260, 0.3486, 0.3796 by changing the saturation by 10% instead.


 92.4260, 0.3486,
0.3796

 92.4260, 0.3486,
0.3796


535.8913, 0.3329,
0.3570

 69.9945, 0.3520,
0.3845


150.7037, 0.3433,
0.3719

 51.5221, 0.3560,
0.3906


187.3187, 0.3412,
0.3689

 36.6243, 0.3609,
0.3980


229.4303, 0.3394,
0.3663

 24.9167, 0.3671,
0.4074

277.4229, 0.3378,
0.3640

 16.0150, 0.3749,
0.4197

331.6809, 0.3364,
0.3619

 9.5348, 0.3851,
0.4362

392.5887, 0.3351,

 5.0916, 0.3986,

0.3601

0.4594

460.5307, 0.3339,
0.3585

■ 2.3011, 0.4299,
0.5097

■ 0.7743, 0.4368,
0.5632

■ 92.4260, 0.3486,
0.3796

■ 92.4260, 0.3486,
0.3796

■ 89.4906, 0.3652,
0.4022

■ 95.5981, 0.3323,
0.3570

■ 86.7695, 0.3817,
0.4238

■ 99.0040, 0.3168,
0.3349

■ 84.2559, 0.3973,
0.4436

■ 99.9961, 0.3127,
0.3290

■ 81.9377, 0.4115,
0.4605

■ 79.8014, 0.4235,
0.4735

■ 77.8314, 0.4329,
0.4821

■ 76.0088, 0.4394,
0.4861

■ 74.7590, 0.4426,
0.4867

Harmonies

Analogous

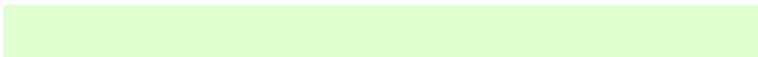
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4260, 0.3665, 0.3675



92.4260, 0.3486, 0.3796



92.4260, 0.3215, 0.3775

Triad

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



92.4260, 0.3486, 0.3796



92.4260, 0.2590, 0.3075



92.4260, 0.3313, 0.3003

Complementary

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



92.4260, 0.3486, 0.3796



62.2483, 0.2745, 0.2728

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.



92.4260, 0.3019, 0.2857



92.4260, 0.3486, 0.3796



92.4260, 0.2612, 0.2887

Square

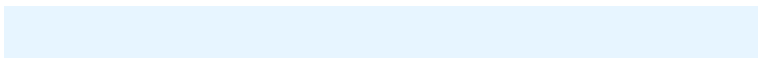
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



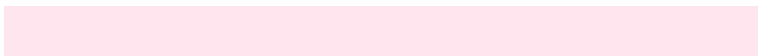
92.4260, 0.3486, 0.3796



92.4260, 0.2703, 0.3340



92.4260, 0.2765, 0.2812



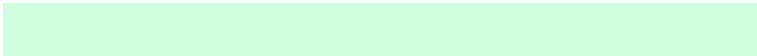
92.4260, 0.3565, 0.3220

Rectangle

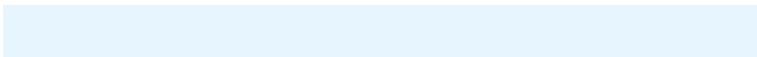
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.4260, 0.3486, 0.3796



92.4260, 0.3021, 0.3676



92.4260, 0.2765, 0.2812



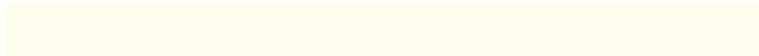
92.4260, 0.3215, 0.2945

Sweetspot

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



92.4301, 0.3486, 0.3796



97.5430, 0.3233, 0.3442



65.5752, 0.3535, 0.3212



20.8341, 0.3242, 0.3455



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.



92.4301, 0.3486, 0.3796



91.1686, 0.3557, 0.3893



92.9816, 0.3330, 0.3887



20.6963, 0.3272, 0.3497



39.2177, 0.4422, 0.4871



3.9190, 0.4392, 0.4895

Inverse Universe

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



62.2483, 0.2745, 0.2728



56.4483, 0.2665, 0.2606



62.0875, 0.2886, 0.2675



17.7290, 0.2979, 0.3074



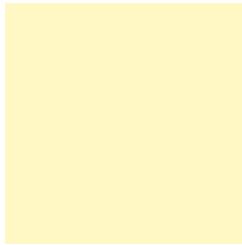
4.3842, 0.1524, 0.0686



0.5335, 0.1565, 0.0834

Previews

White Background



This preview shows how the Yxy color 92.4260, 0.3486, 0.3796 looks on a white background.

Color Contrast Check

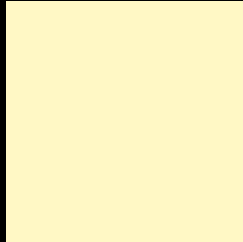
Large Text (above 18pt) WCAG AA × Fail

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 92.4260, 0.3486, 0.3796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

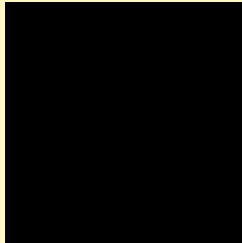
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.4260, 0.3486, 0.3796

Background



This preview shows how black text looks on a background with the Yxy color 92.4260, 0.3486, 0.3796.

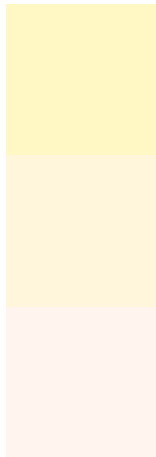


This preview shows how white text looks on a background with the Yxy color 92.4260, 0.3486, 0.3796.

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

92.4260, 0.3486, 0.3796

Protanopia

92.3388, 0.3345, 0.3546

Deuteranopia

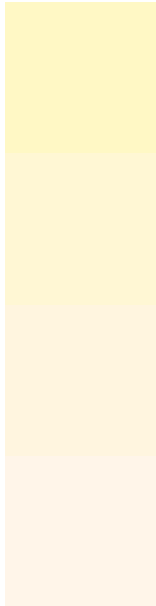
92.1344, 0.3236, 0.3349



Tritanopia

92.4530, 0.3145, 0.3194

Trichromacy



Original Color

92.4260, 0.3486, 0.3796

Protanomaly

92.5350, 0.3394, 0.3636

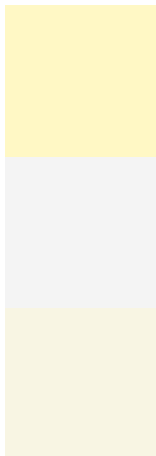
Deuteranomaly

91.8925, 0.3328, 0.3507

Tritanomaly

92.4480, 0.3266, 0.3407

Monochromacy



Original Color

92.4260, 0.3486, 0.3796

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 92.4260, 0.3486, 0.3796 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 197) }
```

Border

The CSS property to change the border of an element to Yxy 92.4260, 0.3486, 0.3796 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, 197) }
```

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

```
.border{ border-color:rgb(255, 248, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 92.4260, 0.3486, 0.3796 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, 197) }
```

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

```
.background{ background-color: rgb(255,  
248, 197) }
```

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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