

Converting Colors

$Yxy(89.7362, 0.3426, 0.3764)$

Have a look what the booklet for
Yxy(89.7362, 0.3426, 0.3764)
contains.

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Color

Yxy(89.8092, 0.3422, 0.3766)

Conversions

Conversions Part 1

Format	Color
Hex	F7F6C7
RGB	247, 246, 199
RGB Percent	97%, 96%, 78%
CMY	0.0316, 0.0352, 0.2197
CMYK	0.00, 0.00, 0.19, 0.03
HSL	59°, 75%, 87%
HSV	59°, 19%, 97%
XYZ	81.6057, 89.8092, 67.0588
YIQ	240.9410, 15.6830, -14.4050

Conversions

Conversions Part 2

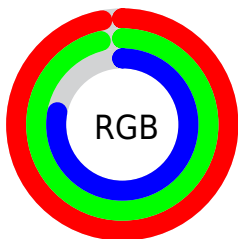
Format	Color
R _Y B	200, 247, 199
Decimal	16250567
CIE Lab	95.92, -7.18, 22.80
CIE LCh	96, 23.904, 107.481
Yxy	89.8092, 0.3422, 0.3766
Android (android.graphics.Color)	4294440647 (0xFFFF7F6C7)
YUV	240.9410, -20.6769, 5.3137
Hunter-Lab	94.7677, -12.1348, 24.3831

Details

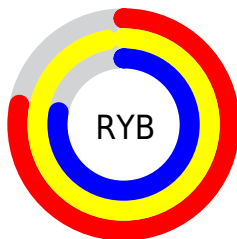
The Yxy color **89.8092, 0.3422, 0.3766** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.1175, 0.2804, 0.2765**, and the grayscale version is **88.0665, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.8184, 0.3480, 0.3873** is the 20% darker color. If you saturate the color by 10%, you get **88.4708, 0.3576, 0.4014**, and if you desaturate by 10%, it is **91.3425, 0.3268, 0.3518**.

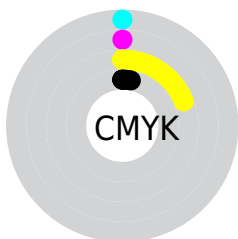
Distribution



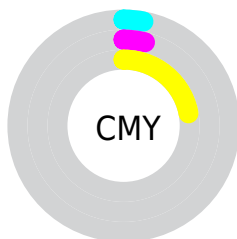
- Red (97%)
- Green (96%)
- Blue (78%)



- Red (78%)
- Yellow (97%)
- Blue (78%)



- Cyan (0%)
- Magenta (0%)
- Yellow (19%)
- Black (3%)





- Cyan (3%)
- Magenta (4%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.8092, 0.3422, 0.3766 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 89.8092, 0.3422, 0.3766 by changing the saturation by 10% instead.


 89.8092, 0.3422,
0.3766

 89.8092, 0.3422,
0.3766


527.4100, 0.3293,
0.3551

 67.8224, 0.3450,
0.3814


147.0733, 0.3379,
0.3693

 49.7533, 0.3483,
0.3871


183.1195, 0.3361,
0.3664

 35.2174, 0.3524,
0.3944


224.6208, 0.3346,
0.3639

 23.8304, 0.3575,
0.4036

271.9618, 0.3333,
0.3617

 15.2078, 0.3641,
0.4157

325.5268, 0.3321,
0.3598

 8.9654, 0.3727,
0.4324

385.7003, 0.3311,

 4.7186, 0.3841,

0.3581

452.8665, 0.3301,
0.3565

0.4564

■ 2.0831, 0.4118,
0.5089

■ 0.6551, 0.4058,
0.5942

■ 89.8092, 0.3422,
0.3766

■ 89.8092, 0.3422,
0.3766

■ 88.4708, 0.3576,
0.4014

■ 91.3425, 0.3268,
0.3518

■ 87.3062, 0.3726,
0.4253


■ 93.0670, 0.3119,
0.3276


■ 86.3099, 0.3864,
0.4473


■ 93.7753, 0.3080,
0.3217

■ 85.4711, 0.3985,
0.4664

■ 94.0652, 0.3080,
0.3221


 84.7780, 0.4084,
0.4818


 94.3558, 0.3079,
0.3226


 84.2170, 0.4157,
0.4928

 94.6471, 0.3079,
0.3230

 83.7722, 0.4203,
0.4995

 94.9391, 0.3079,
0.3235

 83.4183, 0.4226,
0.5024

 95.2319, 0.3079,
0.3240

 83.3988, 0.4227,
0.5025

 95.5254, 0.3079,
0.3244

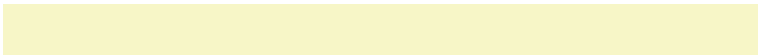
Harmonies

Analogous

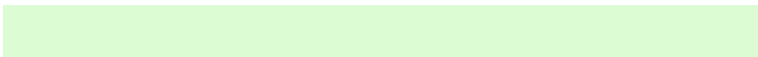
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.8092, 0.3607, 0.3675



89.8092, 0.3422, 0.3766



89.8092, 0.3163, 0.3721

Triad

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



89.8092, 0.3422, 0.3766



89.8092, 0.2622, 0.3055



89.8092, 0.3345, 0.3054

Complementary

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



89.8092, 0.3422, 0.3766



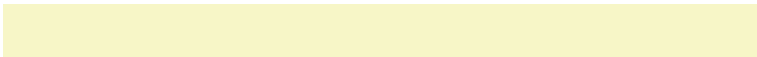
60.1175, 0.2804, 0.2765

Split Complementary

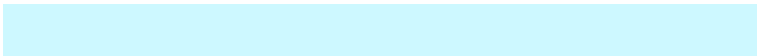
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.8092, 0.3073, 0.2903



89.8092, 0.3422, 0.3766



89.8092, 0.2664, 0.2895

Square

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



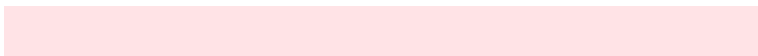
89.8092, 0.3422, 0.3766



89.8092, 0.2707, 0.3293



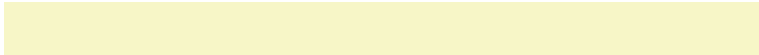
89.8092, 0.2826, 0.2844



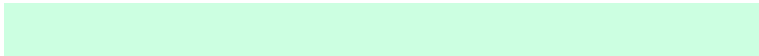
89.8092, 0.3564, 0.3264

Rectangle

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



89.8092, 0.3422, 0.3766



89.8092, 0.2985, 0.3614



89.8092, 0.2826, 0.2844



89.8092, 0.3256, 0.2996

Sweetspot

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



89.8132, 0.3422, 0.3766



98.8669, 0.3216, 0.3434



64.8031, 0.3499, 0.3274



21.1362, 0.3226, 0.3450



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

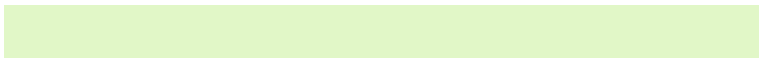
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.8132, 0.3422, 0.3766



96.0680, 0.3478, 0.3856



86.5464, 0.3269, 0.3799



19.2560, 0.3269, 0.3519



44.1562, 0.4227, 0.5026



3.8979, 0.4222, 0.5029

Inverse Universe

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



60.1175, 0.2804, 0.2765



59.1497, 0.2735, 0.2653



62.9835, 0.2961, 0.2778



15.9774, 0.2979, 0.3050



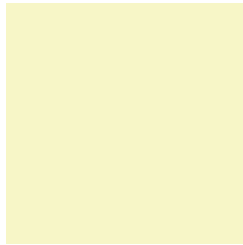
3.6288, 0.1503, 0.0612



0.3365, 0.1512, 0.0642

Previews

White Background



This preview shows how the Yxy color 89.8092, 0.3422, 0.3766 looks on a white background.

Color Contrast Check

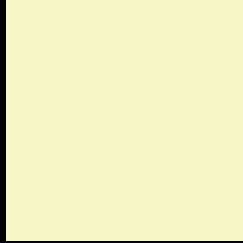
Large Text (above 18pt) WCAG AA × Fail

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 89.8092, 0.3422, 0.3766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

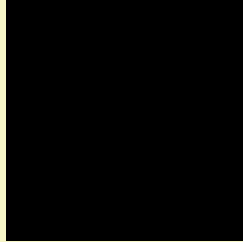
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

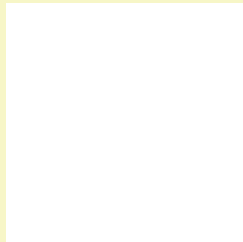
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.8092, 0.3422, 0.3766

Background



This preview shows how black text looks on a background with the Yxy color 89.8092, 0.3422, 0.3766.

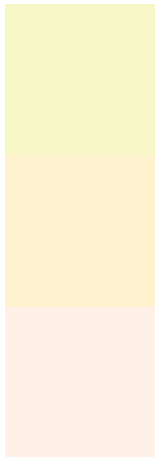


This preview shows how white text looks on a background with the Yxy color 89.8092, 0.3422, 0.3766.

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

89.8092, 0.3422, 0.3766

Protanopia

89.8662, 0.3432, 0.3648

Deuteranopia

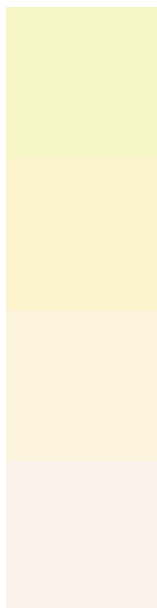
89.9968, 0.3276, 0.3379



Tritanopia

89.8357, 0.3121, 0.3136

Trichromacy



Original Color

89.8092, 0.3422, 0.3766

Protanomaly

89.7564, 0.3429, 0.3691

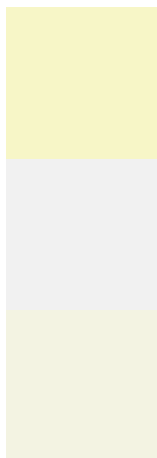
Deuteranomaly

89.9639, 0.3329, 0.3519

Tritanomaly

90.0116, 0.3229, 0.3359

Monochromacy



Original Color

89.8092, 0.3422, 0.3766

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.6469, 0.3231, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.8092, 0.3422, 0.3766 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(247, 246, 199)` looks like.

```
.text, #text, p{  
    color:rgb(247, 246, 199)  
}
```

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(247, 246, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 246, 199) }
```

Border

The CSS property to change the border of an element to Yxy 89.8092, 0.3422, 0.3766 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(247, 246, 199) }
```

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

```
.border{ border-color:rgb(247, 246, 199) }
```

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

Here you see how a box with a 4 pixel rgb(247, 246, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 246, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 246, 199);  
box-shadow:4px 4px 4px 4px rgb(247, 246,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 89.8092, 0.3422, 0.3766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 246, 199) }
```

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

```
.background{ background-color: rgb(247,  
246, 199) }
```

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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