

Converting Colors

$Yxy(92.0481, 0.3399, 0.3726)$

Have a look what the booklet for
Yxy(92.0481, 0.3399, 0.3726)
contains.

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Color

Yxy(91.8666, 0.3402, 0.3720)

Conversions

Conversions Part 1

Format	Color
Hex	FAF8CD
RGB	250, 248, 205
RGB Percent	98%, 97%, 80%
CMY	0.0196, 0.0274, 0.1960
CMYK	0.00, 0.01, 0.18, 0.02
HSL	57°, 82%, 89%
HSV	57°, 18%, 98%
XYZ	84.0135, 91.8666, 71.0731
YIQ	243.6960, 14.9950, -12.9490

Conversions

Conversions Part 2

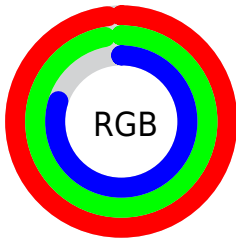
Format	Color
R _Y B	207, 250, 205
Decimal	16447693
CIE Lab	96.77, -6.21, 20.93
CIE LCh	97, 21.833, 106.519
Yxy	91.8666, 0.3402, 0.3720
Android (android.graphics.Color)	4294637773 (0xFFFAF8CD)
YUV	243.6960, -19.0771, 5.5286
Hunter-Lab	95.8471, -11.2705, 23.1278

Details

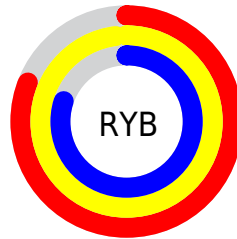
The Yxy color **91.8666, 0.3402, 0.3720** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **64.5190, 0.2831, 0.2820**, and the grayscale version is **90.3614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.2711, 0.3454, 0.3814** is the 20% darker color. If you saturate the color by 10%, you get **90.0770, 0.3559, 0.3963**, and if you desaturate by 10%, it is **93.8613, 0.3247, 0.3478**.

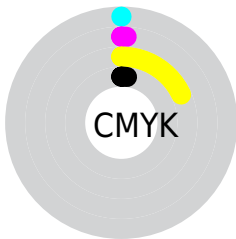
Distribution



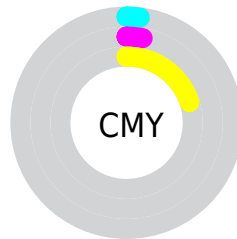
- Red (98%)
- Green (97%)
- Blue (80%)



- Red (81%)
- Yellow (98%)
- Blue (80%)



- Cyan (0%)
- Magenta (1%)
- Yellow (18%)
- Black (2%)



- Cyan (2%)
- Magenta (3%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.8666, 0.3402, 0.3720 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 91.8666, 0.3402, 0.3720 by changing the saturation by 10% instead.

 91.8666, 0.3402,
0.3720

 91.8666, 0.3402,
0.3720


534.0843, 0.3282,
0.3527

 69.5298, 0.3428,
0.3763


149.9285, 0.3362,
0.3654

 51.1433, 0.3459,
0.3814


186.4224, 0.3345,
0.3628

 36.3227, 0.3497,
0.3879


228.4042, 0.3331,
0.3606

 24.6835, 0.3545,
0.3961

276.2581, 0.3319,
0.3586

 15.8414, 0.3607,
0.4069

330.3688, 0.3308,
0.3569

 9.4120, 0.3688,
0.4216

391.1204, 0.3298,

 5.0109, 0.3799,

0.3554

0.4430

458.8974, 0.3290,
0.3540

■ 2.2536, 0.3997,
0.4812

■ 0.7490, 0.4280,
0.5720

■ 91.8666, 0.3402,
0.3720

■ 91.8666, 0.3402,
0.3720

■ 90.0770, 0.3559,
0.3963

■ 93.8613, 0.3247,
0.3478

■ 88.4712, 0.3713,
0.4199

■ 96.0560, 0.3098,
0.3244

■ 87.0433, 0.3859,
0.4419

■ 96.7492, 0.3098,
0.3255

■ 85.7826, 0.3989,
0.4612

■ 97.4464, 0.3097,
0.3265

84.6769, 0.4098,
0.4769

98.1477, 0.3097,
0.3276

83.7126, 0.4182,
0.4885

98.8532, 0.3096,
0.3287

82.8736, 0.4238,
0.4955

99.0645, 0.3096,
0.3290

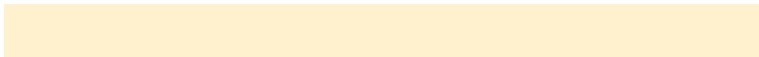
82.1380, 0.4270,
0.4985

81.9965, 0.4274,
0.4988

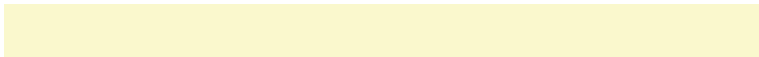
Harmonies

Analogous

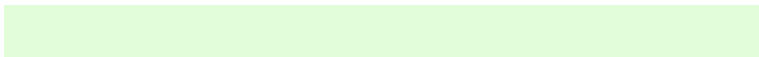
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.8666, 0.3566, 0.3636



91.8666, 0.3402, 0.3720



91.8666, 0.3168, 0.3682

Triad

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



91.8666, 0.3402, 0.3720



91.8666, 0.2668, 0.3084



91.8666, 0.3317, 0.3070

Complementary

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



91.8666, 0.3402, 0.3720



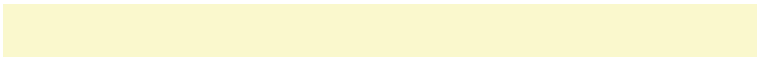
64.5190, 0.2831, 0.2820

Split Complementary

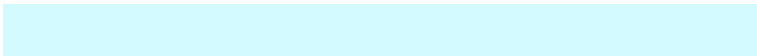
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.8666, 0.3071, 0.2935



91.8666, 0.3402, 0.3720



91.8666, 0.2703, 0.2935

Square

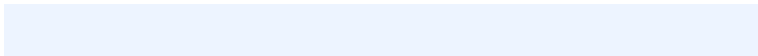
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.8666, 0.3402, 0.3720



91.8666, 0.2749, 0.3301



91.8666, 0.2848, 0.2884



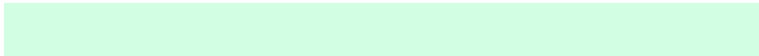
91.8666, 0.3518, 0.3261

Rectangle

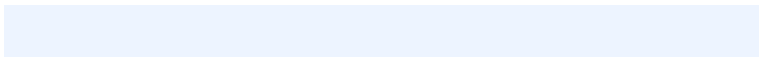
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.8666, 0.3402, 0.3720



91.8666, 0.3006, 0.3588



91.8666, 0.2848, 0.2884



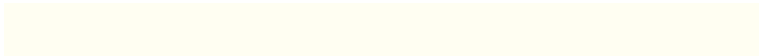
91.8666, 0.3237, 0.3017

Sweetspot

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



91.8707, 0.3402, 0.3720



98.8450, 0.3202, 0.3407



68.5150, 0.3460, 0.3268



21.1231, 0.3212, 0.3424



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

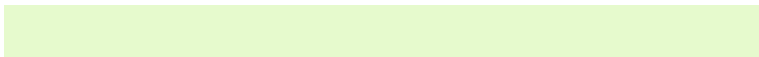
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.8707, 0.3402, 0.3720



95.3189, 0.3465, 0.3818



89.5651, 0.3263, 0.3759



20.0507, 0.3270, 0.3514



43.5510, 0.4273, 0.4989



4.0733, 0.4263, 0.4998

Inverse Universe

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



64.5190, 0.2831, 0.2820



61.3049, 0.2756, 0.2701



66.6244, 0.2970, 0.2818



16.7666, 0.2979, 0.3056



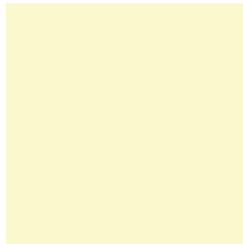
3.8431, 0.1508, 0.0627



0.3981, 0.1526, 0.0692

Previews

White Background



This preview shows how the Yxy color 91.8666, 0.3402, 0.3720 looks on a white background.

Color Contrast Check

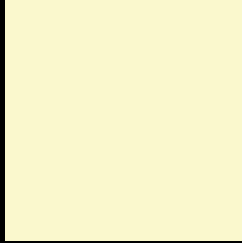
Large Text (above 18pt) WCAG AA × Fail

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 91.8666, 0.3402, 0.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

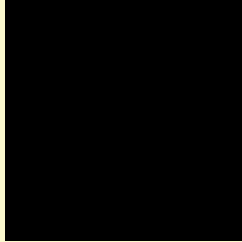
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.8666, 0.3402, 0.3720

Background



This preview shows how black text looks on a background with the Yxy color 91.8666, 0.3402, 0.3720.

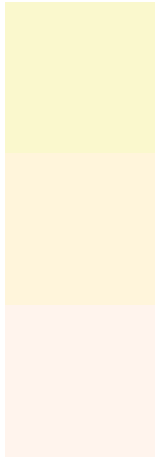


This preview shows how white text looks on a background with the Yxy color 91.8666, 0.3402, 0.3720.

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

91.8666, 0.3402, 0.3720

Protanopia

91.6793, 0.3353, 0.3547

Deuteranopia

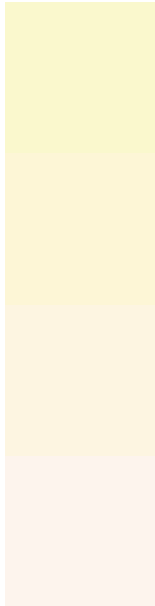
92.0758, 0.3242, 0.3358



Tritanopia

91.7951, 0.3127, 0.3165

Trichromacy



Original Color

91.8666, 0.3402, 0.3720

Protanomaly

91.6492, 0.3370, 0.3608

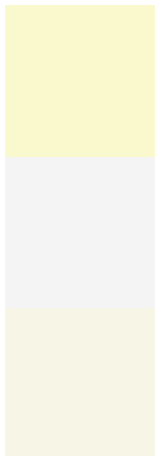
Deuteranomaly

91.6237, 0.3302, 0.3487

Tritanomaly

91.6984, 0.3229, 0.3359

Monochromacy



Original Color

91.8666, 0.3402, 0.3720

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.6108, 0.3224, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.8666, 0.3402, 0.3720 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(250, 248, 205)` looks like.

```
.text, #text, p{  
    color:rgb(250, 248, 205)  
}
```

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(250, 248, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 248, 205) }
```

Border

The CSS property to change the border of an element to Yxy 91.8666, 0.3402, 0.3720 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(250, 248, 205) }
```

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

```
.border{ border-color:rgb(250, 248, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 248, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 248, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 248, 205);  
box-shadow:4px 4px 4px 4px rgb(250, 248,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 91.8666, 0.3402, 0.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 248, 205) }
```

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

```
.background{ background-color: rgb(250,  
248, 205) }
```

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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