

Converting Colors

$Yxy(92.3892, 0.3401, 0.3698)$

Have a look what the booklet for
Yxy(92.3892, 0.3401, 0.3698)
contains.

Yxy(92.3352, 0.3403, 0.3698)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.3352, 0.3403, 0.3698)

Conversions

Conversions Part 1

Format	Color
Hex	FCF8CF
RGB	252, 248, 207
RGB Percent	99%, 97%, 81%
CMY	0.0119, 0.0274, 0.1882
CMYK	0.00, 0.02, 0.18, 0.01
HSL	55°, 88%, 90%
HSV	55°, 18%, 99%
XYZ	84.9694, 92.3352, 72.3850
YIQ	244.5220, 15.5450, -11.9030

Conversions

Conversions Part 2

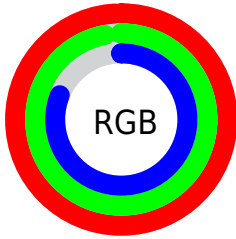
Format	Color
R_{YB}	211, 252, 207
Decimal	16578767
CIE _{Lab}	96.96, -5.22, 20.20
CIE _{LCh}	97, 20.865, 104.488
Yxy	92.3352, 0.3403, 0.3698
Android (android.graphics.Color)	4294768847 (0xFFFCF8CF)
YUV	244.5220, -18.4983, 6.5582
Hunter-Lab	96.0912, -10.3197, 22.6010

Details

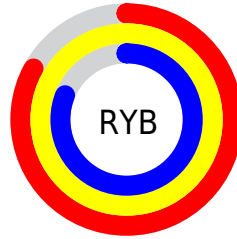
The Yxy color **92.3352, 0.3403, 0.3698** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **66.8728, 0.2834, 0.2846**, and the grayscale version is **91.0495, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.6013, 0.3455, 0.3785** is the 20% darker color. If you saturate the color by 10%, you get **89.8458, 0.3565, 0.3932**, and if you desaturate by 10%, it is **95.0457, 0.3246, 0.3466**.

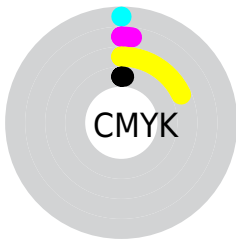
Distribution



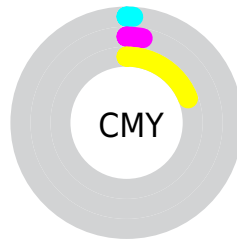
- Red (99%)
- Green (97%)
- Blue (81%)



- Red (83%)
- Yellow (99%)
- Blue (81%)



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





- Cyan (1%)
- Magenta (3%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.3352, 0.3403, 0.3698 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 92.3352, 0.3403, 0.3698 by changing the saturation by 10% instead.


 92.3352, 0.3403,
0.3698

 92.3352, 0.3403,
0.3698


535.5982, 0.3282,
0.3516

 69.9191, 0.3429,
0.3738


150.5779, 0.3362,
0.3636

 51.4606, 0.3461,
0.3787


187.1732, 0.3346,
0.3611

 36.5753, 0.3499,
0.3848


229.2638, 0.3332,
0.3590

 24.8788, 0.3548,
0.3925

277.2339, 0.3320,
0.3572

 15.9868, 0.3610,
0.4026

331.4680, 0.3309,
0.3555

 9.5148, 0.3693,
0.4165

392.3505, 0.3299,

 5.0785, 0.3807,

0.3540

460.2658, 0.3290,
0.3527

0.4365

■ 2.2934, 0.3998,
0.4706

■ 0.7702, 0.4398,
0.5602

■ 92.3352, 0.3403,
0.3698

■ 92.3352, 0.3403,
0.3698

■ 89.8458, 0.3565,
0.3932

■ 95.0457, 0.3246,
0.3466

■ 87.5557, 0.3726,
0.4160

■ 97.8175, 0.3109,
0.3266

■ 85.4591, 0.3880,
0.4373

■ 99.2239, 0.3109,
0.3287

■ 83.5449, 0.4022,
0.4562

■ 99.4308, 0.3108,
0.3290

■ 81.8007, 0.4144,
0.4716

■ 80.2126, 0.4241,
0.4827

■ 78.7641, 0.4310,
0.4894

■ 77.4333, 0.4352,
0.4918

■ 77.1547, 0.4360,
0.4920

Harmonies

Analogous

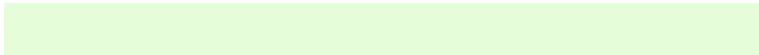
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.3352, 0.3552, 0.3612



92.3352, 0.3403, 0.3698



92.3352, 0.3183, 0.3670

Triad

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



92.3352, 0.3403, 0.3698



92.3352, 0.2690, 0.3107



92.3352, 0.3294, 0.3069

Complementary

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



92.3352, 0.3403, 0.3698



66.8728, 0.2834, 0.2846

Split Complementary

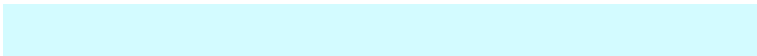
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.3352, 0.3058, 0.2944



92.3352, 0.3403, 0.3698



92.3352, 0.2716, 0.2958

Square

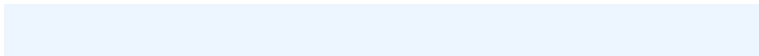
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.3352, 0.3403, 0.3698



92.3352, 0.2775, 0.3316



92.3352, 0.2848, 0.2902



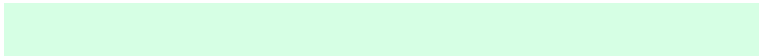
92.3352, 0.3489, 0.3250

Rectangle

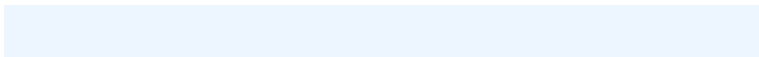
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.3352, 0.3403, 0.3698



92.3352, 0.3027, 0.3585



92.3352, 0.2848, 0.2902



92.3352, 0.3216, 0.3020

Sweetspot

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



92.3393, 0.3403, 0.3698



98.4909, 0.3202, 0.3402



70.0535, 0.3440, 0.3245



21.0367, 0.3213, 0.3418



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

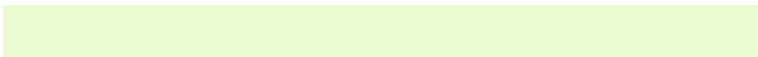
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.3393, 0.3403, 0.3698



94.0437, 0.3454, 0.3772



91.6022, 0.3277, 0.3753



19.9136, 0.3271, 0.3504



40.3115, 0.4357, 0.4923



3.8080, 0.4335, 0.4940

Inverse Universe

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



66.8728, 0.2834, 0.2846



63.9244, 0.2776, 0.2757



67.6680, 0.2956, 0.2819



16.8888, 0.2979, 0.3066



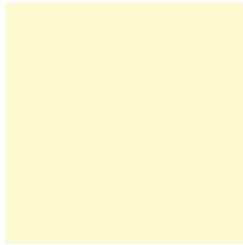
4.0507, 0.1516, 0.0657



0.4562, 0.1550, 0.0780

Previews

White Background



This preview shows how the Yxy color 92.3352, 0.3403, 0.3698 looks on a white background.

Color Contrast Check

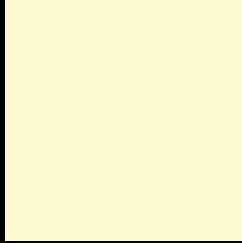
Large Text (above 18pt) WCAG AA × Fail

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 92.3352, 0.3403, 0.3698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

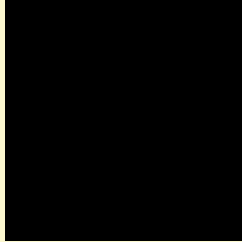
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.3352, 0.3403, 0.3698

Background



This preview shows how black text looks on a background with the Yxy color 92.3352, 0.3403, 0.3698.

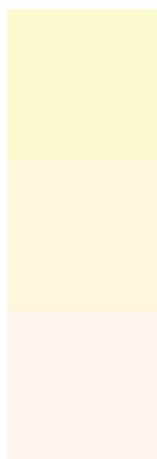


This preview shows how white text looks on a background with the Yxy color 92.3352, 0.3403, 0.3698.

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

92.3352, 0.3403, 0.3698

Protanopia

92.3920, 0.3339, 0.3536

Deuteranopia

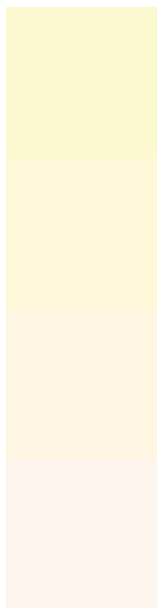
92.1934, 0.3229, 0.3339



Tritanopia

92.5812, 0.3133, 0.3175

Trichromacy



Original Color

92.3352, 0.3403, 0.3698

Protanomaly

92.5502, 0.3362, 0.3596

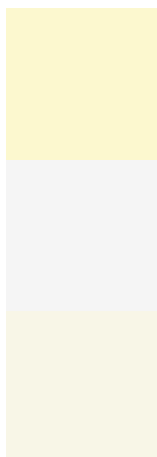
Deuteranomaly

91.9217, 0.3296, 0.3467

Tritanomaly

92.5487, 0.3228, 0.3358

Monochromacy



Original Color

92.3352, 0.3403, 0.3698

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.6375, 0.3231, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.3352, 0.3403, 0.3698 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, 248, 207)` looks like.

```
.text, #text, p{  
    color:rgb(252, 248, 207)  
}
```

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, 248, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 248, 207) }
```

Border

The CSS property to change the border of an element to Yxy 92.3352, 0.3403, 0.3698 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, 248, 207) }
```

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

```
.border{ border-color:rgb(252, 248, 207) }
```

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

Here you see how a box with a 4 pixel rgb(252, 248, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 248, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 248, 207);  
box-shadow:4px 4px 4px 4px rgb(252, 248,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 92.3352, 0.3403, 0.3698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 248, 207) }
```

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

```
.background{ background-color: rgb(252,  
248, 207) }
```

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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