

Converting Colors

$Y_{xy}(100.0000, 0.3687, 0.3674)$

Have a look what the booklet for
Yxy(100.0000, 0.3687, 0.3674)
contains.

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Color

Yxy(92.1893, 0.3438, 0.3706)

Conversions

Conversions Part 1

Format	Color
Hex	FFF7CD
RGB	255, 247, 205
RGB Percent	100%, 97%, 80%
CMY	0.0000, 0.0314, 0.1961
CMYK	0.00, 0.03, 0.20, 0.00
HSL	50°, 100%, 90%
HSV	50°, 20%, 100%
XYZ	85.5226, 92.1893, 71.0450
YIQ	244.6040, 18.2500, -11.3660

Conversions

Conversions Part 2

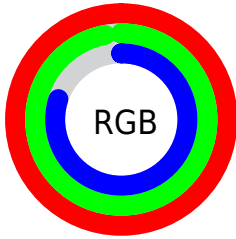
Format	Color
R _Y B	215, 255, 205
Decimal	16775117
CIE Lab	96.90, -3.92, 21.18
CIE LCh	97, 21.542, 100.485
Yxy	92.1893, 0.3438, 0.3706
Android (android.graphics.Color)	4294965197 (0xFFFFF7CD)
YUV	244.6040, -19.5248, 9.1173
Hunter-Lab	96.0153, -9.0334, 23.3400

Details

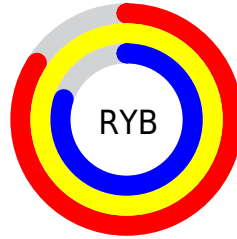
The Yxy color **92.1893, 0.3438, 0.3706** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.7877, 0.2805, 0.2837**, and the grayscale version is **91.1259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.5017, 0.3500, 0.3795** is the 20% darker color. If you saturate the color by 10%, you get **88.5915, 0.3608, 0.3924**, and if you desaturate by 10%, it is **96.0471, 0.3275, 0.3490**.

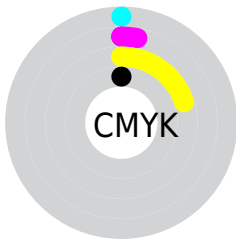
Distribution



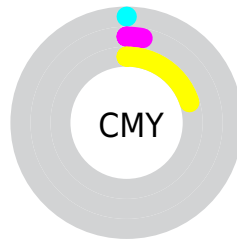
- Red (100%)
- Green (97%)
- Blue (80%)



- Red (84%)
- Yellow (100%)
- Blue (80%)



- Cyan (0%)
- Magenta (3%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (3%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.1893, 0.3438, 0.3706 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 92.1893, 0.3438, 0.3706 by changing the saturation by 10% instead.

 92.1893, 0.3438,
0.3706

 92.1893, 0.3438,
0.3706


535.1271, 0.3301,
0.3520

 69.7979, 0.3468,
0.3747


150.3757, 0.3392,
0.3643

 51.3618, 0.3503,
0.3796


186.9395, 0.3374,
0.3618

 36.4966, 0.3547,
0.3857


228.9962, 0.3358,
0.3596

 24.8180, 0.3602,
0.3935

276.9302, 0.3344,
0.3578

 15.9415, 0.3673,
0.4037

331.1259, 0.3331,
0.3561

 9.4828, 0.3767,
0.4175

391.9677, 0.3320,

 5.0574, 0.3897,

0.3546

0.4373

459.8400, 0.3310,
0.3533

■ 2.2810, 0.4127,
0.4723

■ 0.7636, 0.4521,
0.5479

■ 92.1893, 0.3438,
0.3706

■ 92.1893, 0.3438,
0.3706

■ 88.5915, 0.3608,
0.3924

■ 96.0471, 0.3275,
0.3490

■ 85.2366, 0.3780,
0.4137

100.0000, 0.3127,
0.3290

■ 82.1160, 0.3949,
0.4335

■ 79.2178, 0.4108,
0.4508

■ 76.5289, 0.4248,
0.4647

■ 74.0343, 0.4364,
0.4743

■ 71.7159, 0.4451,
0.4791

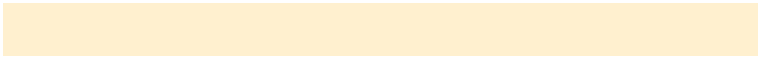
■ 69.5462, 0.4511,
0.4798

■ 69.4626, 0.4514,
0.4798

Harmonies

Analogous

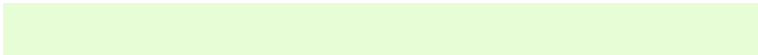
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.1893, 0.3578, 0.3603



92.1893, 0.3438, 0.3706



92.1893, 0.3217, 0.3694

Triad

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



92.1893, 0.3438, 0.3706



92.1893, 0.2681, 0.3127



92.1893, 0.3267, 0.3041

Complementary

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



92.1893, 0.3438, 0.3706



67.7877, 0.2805, 0.2837

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.



92.1893, 0.3024, 0.2922



92.1893, 0.3438, 0.3706



92.1893, 0.2693, 0.2963

Square

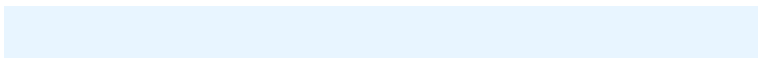
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.1893, 0.3438, 0.3706



92.1893, 0.2784, 0.3347



92.1893, 0.2816, 0.2892



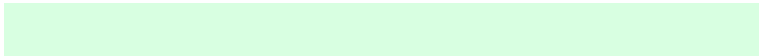
92.1893, 0.3479, 0.3221

Rectangle

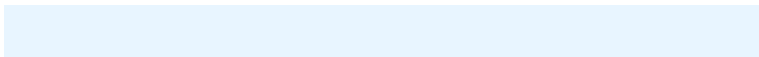
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.1893, 0.3438, 0.3706



92.1893, 0.3055, 0.3617



92.1893, 0.2816, 0.2892



92.1893, 0.3186, 0.2993

Sweetspot

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



92.1917, 0.3438, 0.3706



97.5021, 0.3218, 0.3414



69.7452, 0.3453, 0.3206



20.8125, 0.3228, 0.3428



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

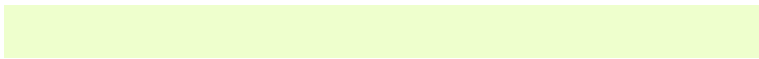
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.1917, 0.3438, 0.3706



90.5791, 0.3512, 0.3802



94.1630, 0.3314, 0.3798



20.5668, 0.3273, 0.3488



36.4806, 0.4507, 0.4803



3.6786, 0.4466, 0.4836

Inverse Universe

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



67.7877, 0.2805, 0.2837



61.6531, 0.2724, 0.2720



66.3614, 0.2913, 0.2765



17.8468, 0.2979, 0.3084



4.7312, 0.1537, 0.0734



0.5887, 0.1585, 0.0907

Previews

White Background



This preview shows how the Yxy color 92.1893, 0.3438, 0.3706 looks on a white background.

Color Contrast Check

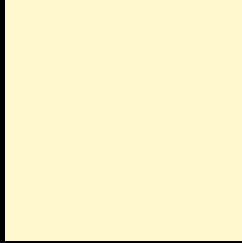
Large Text (above 18pt) WCAG AA × Fail

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 92.1893, 0.3438, 0.3706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

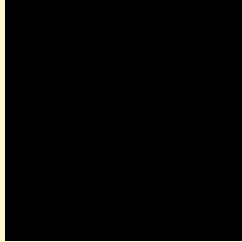
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.1893, 0.3438, 0.3706

Background



This preview shows how black text looks on a background with the Yxy color 92.1893, 0.3438, 0.3706.

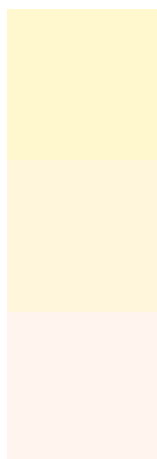


This preview shows how white text looks on a background with the Yxy color 92.1893, 0.3438, 0.3706.

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

92.1893, 0.3438, 0.3706

Protanopia

92.3388, 0.3345, 0.3546

Deuteranopia

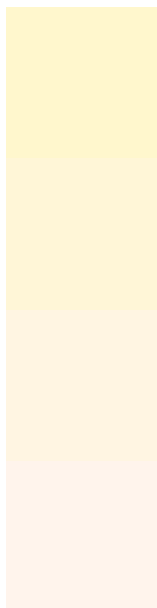
92.1344, 0.3236, 0.3349



Tritanopia

92.4530, 0.3145, 0.3194

Trichromacy



Original Color

92.1893, 0.3438, 0.3706

Protanomaly

92.0778, 0.3377, 0.3596

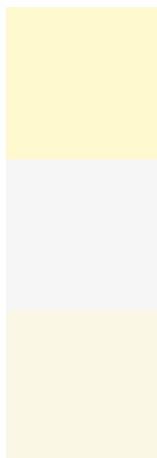
Deuteranomaly

92.0558, 0.3309, 0.3477

Tritanomaly

92.0175, 0.3248, 0.3368

Monochromacy



Original Color

92.1893, 0.3438, 0.3706

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.7644, 0.3243, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.1893, 0.3438, 0.3706 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, 247, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 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(255, 247, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 205) }
```

Border

The CSS property to change the border of an element to Yxy 92.1893, 0.3438, 0.3706 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, 247, 205) }
```

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

```
.border{ border-color:rgb(255, 247, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 247, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 92.1893, 0.3438, 0.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 205) }
```

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

```
.background{ background-color: rgb(255,  
247, 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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