

Converting Colors

Yxy(91.4516, 0.3427, 0.3696)

Have a look what the booklet for
Yxy(91.4516, 0.3427, 0.3696)
contains.

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Color

Yxy(91.3901, 0.3433, 0.3698)

Conversions

Conversions Part 1

Format	Color
Hex	FEF6CD
RGB	254, 246, 205
RGB Percent	100%, 96%, 80%
CMY	0.0040, 0.0352, 0.1962
CMYK	0.00, 0.03, 0.19, 0.00
HSL	50°, 96%, 90%
HSV	50°, 19%, 100%
XYZ	84.8411, 91.3901, 70.9027
YIQ	243.7180, 17.9290, -11.0550

Conversions

Conversions Part 2

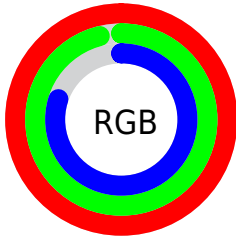
Format	Color
R _Y B	215, 254, 205
Decimal	16709325
CIE Lab	96.57, -3.80, 20.73
CIE LCh	97, 21.079, 100.373
Yxy	91.3901, 0.3433, 0.3698
Android (android.graphics.Color)	4294899405 (0xFFFEF6CD)
YUV	243.7180, -19.0880, 9.0173
Hunter-Lab	95.5982, -8.8824, 22.9449

Details

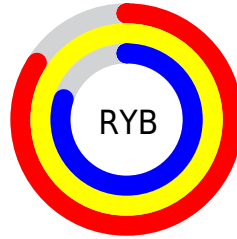
The Yxy color **91.3901, 0.3433, 0.3698** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.6870, 0.2810, 0.2846**, and the grayscale version is **90.3738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.9316, 0.3494, 0.3784** is the 20% darker color. If you saturate the color by 10%, you get **87.7801, 0.3603, 0.3915**, and if you desaturate by 10%, it is **95.2633, 0.3270, 0.3483**.

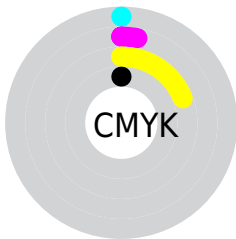
Distribution



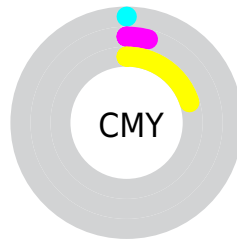
- Red (100%)
- Green (96%)
- Blue (80%)



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



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





- Cyan (0%)
- Magenta (4%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.3901, 0.3433, 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 91.3901, 0.3433, 0.3698 by changing the saturation by 10% instead.


 91.3901, 0.3433,
0.3698

 91.3901, 0.3433,
0.3698

532.5425, 0.3298,
0.3516

 69.1342, 0.3462,
0.3738


149.2678, 0.3388,
0.3636

 50.8210, 0.3497,
0.3787

185.6584, 0.3370,
0.3612

 36.0662, 0.3541,
0.3847


227.5293, 0.3354,
0.3590

 24.4853, 0.3595,
0.3924

275.2649, 0.3340,
0.3572

 15.6940, 0.3666,
0.4024

329.2496, 0.3328,
0.3555

 9.3079, 0.3760,
0.4161


389.8679, 0.3317,

 4.9425, 0.3890,


0.3541


0.4357


457.5040, 0.3307,
0.3528


 2.2136, 0.4124,
0.4710


 0.7274, 0.4515,
0.5485


 91.3901, 0.3433,
0.3698


 91.3901, 0.3433,
0.3698


 87.7801, 0.3603,
0.3915


 95.2633, 0.3270,
0.3483

 84.4110, 0.3776,
0.4128

 99.3474, 0.3121,
0.3283

 81.2763, 0.3946,
0.4326

 99.8084, 0.3121,
0.3290

 78.3641, 0.4105,
0.4500

■ 75.6614, 0.4247,
0.4639

■ 73.1534, 0.4365,
0.4736

■ 70.8224, 0.4454,
0.4786

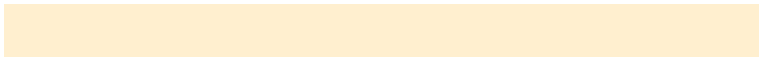
■ 68.6418, 0.4516,
0.4794

■ 68.4928, 0.4520,
0.4793

Harmonies

Analogous

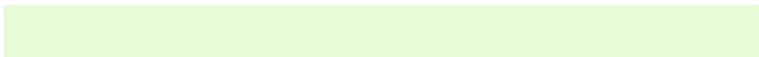
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.3901, 0.3570, 0.3597



91.3901, 0.3433, 0.3698



91.3901, 0.3216, 0.3686

Triad

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



91.3901, 0.3433, 0.3698



91.3901, 0.2690, 0.3131



91.3901, 0.3264, 0.3045

Complementary

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



91.3901, 0.3433, 0.3698



67.6870, 0.2810, 0.2846

Split Complementary

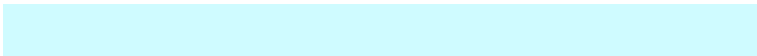
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.3901, 0.3025, 0.2928



91.3901, 0.3433, 0.3698



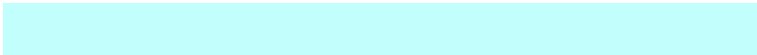
91.3901, 0.2700, 0.2969

Square

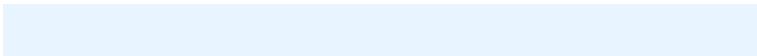
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.3901, 0.3433, 0.3698



91.3901, 0.2791, 0.3347



91.3901, 0.2821, 0.2899



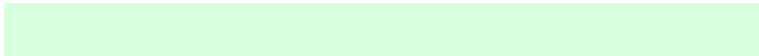
91.3901, 0.3472, 0.3222

Rectangle

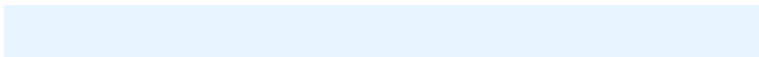
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.3901, 0.3433, 0.3698



91.3901, 0.3058, 0.3611



91.3901, 0.2821, 0.2899



91.3901, 0.3184, 0.2998

Sweetspot

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



91.3942, 0.3433, 0.3698



97.4758, 0.3218, 0.3414



69.5254, 0.3447, 0.3207



20.8063, 0.3228, 0.3427



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

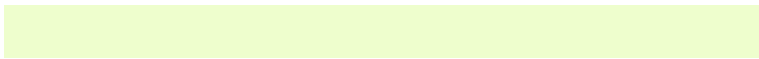
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.3942, 0.3433, 0.3698



90.8449, 0.3495, 0.3779



93.3977, 0.3311, 0.3790



20.5579, 0.3273, 0.3487



36.2994, 0.4513, 0.4798



3.6626, 0.4471, 0.4832

Inverse Universe

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



67.6870, 0.2810, 0.2846



63.0925, 0.2743, 0.2749



66.2211, 0.2917, 0.2774



17.8549, 0.2979, 0.3085



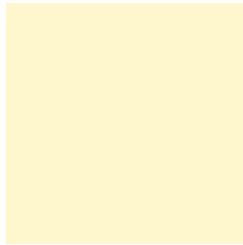
4.7583, 0.1538, 0.0738



0.5925, 0.1587, 0.0912

Previews

White Background



This preview shows how the Yxy color 91.3901, 0.3433, 0.3698 looks on a white background.

Color Contrast Check

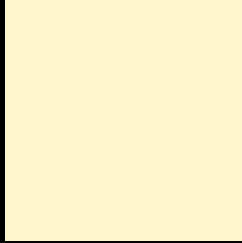
Large Text (above 18pt) WCAG AA × Fail

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 91.3901, 0.3433, 0.3698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

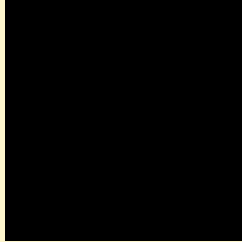
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.3901, 0.3433, 0.3698

Background



This preview shows how black text looks on a background with the Yxy color 91.3901, 0.3433, 0.3698.



This preview shows how white text looks on a background with the Yxy color 91.3901, 0.3433, 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

91.3901, 0.3433, 0.3698

Protanopia

91.5746, 0.3366, 0.3567

Deuteranopia

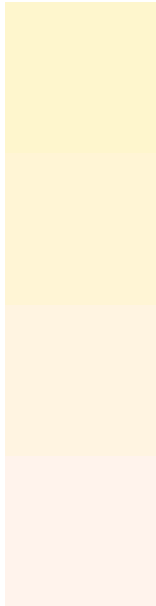
91.4173, 0.3249, 0.3359



Tritanopia

91.2624, 0.3146, 0.3175

Trichromacy



Original Color

91.3901, 0.3433, 0.3698

Protanomaly

91.3689, 0.3391, 0.3607

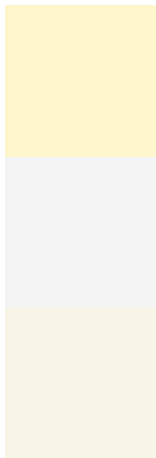
Deuteranomaly

91.3976, 0.3317, 0.3477

Tritanomaly

91.4173, 0.3249, 0.3359

Monochromacy



Original Color

91.3901, 0.3433, 0.3698

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.9744, 0.3238, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.3901, 0.3433, 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(254, 246, 205)` looks like.

```
.text, #text, p{  
    color:rgb(254, 246, 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(254, 246, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 246, 205) }
```

Border

The CSS property to change the border of an element to Yxy 91.3901, 0.3433, 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(254, 246, 205) }
```

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

```
.border{ border-color:rgb(254, 246, 205) }
```

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

Here you see how a box with a 4 pixel rgb(254, 246, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 246, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 246, 205);  
box-shadow:4px 4px 4px 4px rgb(254, 246,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 91.3901, 0.3433, 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(254, 246, 205) }
```

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

```
.background{ background-color: rgb(254,  
246, 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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