

Converting Colors

$Yxy(91.3093, 0.3502, 0.3800)$

Have a look what the booklet for
Yxy(91.3093, 0.3502, 0.3800)
contains.

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Color

Yxy(91.1117, 0.3503, 0.3797)

Conversions

Conversions Part 1

Format	Color
Hex	FFF6C3
RGB	255, 246, 195
RGB Percent	100%, 96%, 76%
CMY	0.0000, 0.0353, 0.2353
CMYK	0.00, 0.04, 0.24, 0.00
HSL	51°, 100%, 88%
HSV	51°, 24%, 100%
XYZ	84.0570, 91.1117, 64.7884
YIQ	242.8770, 21.7350, -13.9530

Conversions

Conversions Part 2

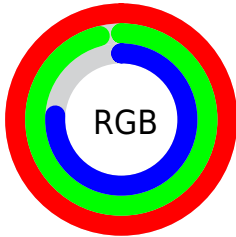
Format	Color
R _Y B	206, 255, 195
Decimal	16774851
CIE Lab	96.46, -4.79, 25.67
CIE LCh	96, 26.113, 100.570
Yxy	91.1117, 0.3503, 0.3797
Android (android.graphics.Color)	4294964931 (0xFFFFF6C3)
YUV	242.8770, -23.6034, 10.6319
Hunter-Lab	95.4524, -9.8518, 26.5736

Details

The Yxy color **91.1117, 0.3503, 0.3797** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **62.0146, 0.2732, 0.2726**, and the grayscale version is **89.7000, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **50.7558, 0.3583, 0.3910** is the 20% darker color. If you saturate the color by 10%, you get **87.7470, 0.3673, 0.4016**, and if you desaturate by 10%, it is **94.7149, 0.3337, 0.3577**.

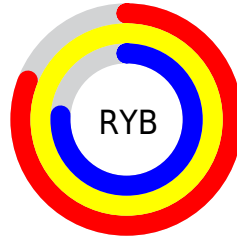
Distribution



Red (100%)

Green (96%)

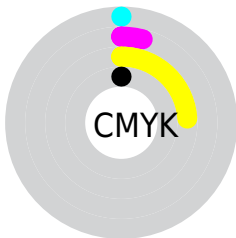
Blue (76%)



Red (81%)

Yellow (100%)

Blue (76%)

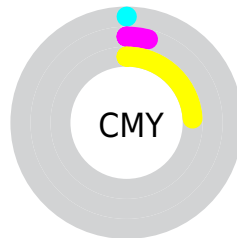


Cyan (0%)

Magenta (4%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.1117, 0.3503, 0.3797 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 91.1117, 0.3503, 0.3797 by changing the saturation by 10% instead.


 91.1117, 0.3503,
0.3797

 91.1117, 0.3503,
0.3797


531.6406, 0.3338,
0.3570

 68.9031, 0.3538,
0.3847

148.8816, 0.3448,
0.3720

 50.6328, 0.3581,
0.3907

185.2117, 0.3425,
0.3690

 35.9164, 0.3633,
0.3981


227.0177, 0.3406,
0.3663

 24.3697, 0.3698,
0.4076

274.6841, 0.3389,
0.3640

 15.6081, 0.3782,
0.4199

328.5951, 0.3374,
0.3620

 9.2472, 0.3890,
0.4364

389.1353, 0.3361,

 4.9028, 0.4034,

0.3601

0.4596

456.6890, 0.3349,
0.3585

■ 2.1903, 0.4408,
0.5148

■ 0.7147, 0.4404,
0.5596

■ 91.1117, 0.3503,
0.3797

■ 91.1117, 0.3503,
0.3797

■ 87.7470, 0.3673,
0.4016

■ 94.7149, 0.3337,
0.3577

■ 84.6202, 0.3843,
0.4226

■ 98.5759, 0.3180,
0.3363

■ 81.7169, 0.4006,
0.4417

100.0000, 0.3127,
0.3290

■ 79.0248, 0.4155,
0.4580

■ 76.5301, 0.4283,
0.4703

■ 74.2170, 0.4385,
0.4782

■ 72.0659, 0.4457,
0.4814

■ 70.7421, 0.4492,
0.4816

Harmonies

Analogous

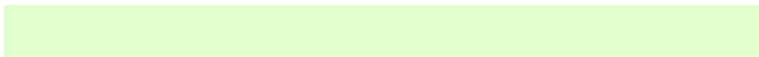
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.1117, 0.3676, 0.3667



91.1117, 0.3503, 0.3797



91.1117, 0.3233, 0.3785

Triad

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



91.1117, 0.3503, 0.3797



91.1117, 0.2589, 0.3087



91.1117, 0.3297, 0.2990

Complementary

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



91.1117, 0.3503, 0.3797



62.0146, 0.2732, 0.2726

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.



91.1117, 0.3001, 0.2847



91.1117, 0.3503, 0.3797



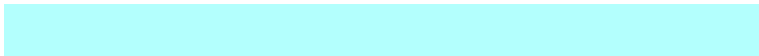
91.1117, 0.2603, 0.2891

Square

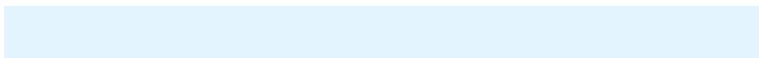
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.1117, 0.3503, 0.3797



91.1117, 0.2710, 0.3357



91.1117, 0.2750, 0.2809



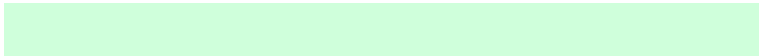
91.1117, 0.3557, 0.3205

Rectangle

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



91.1117, 0.3503, 0.3797



91.1117, 0.3037, 0.3691



91.1117, 0.2750, 0.2809



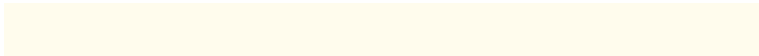
91.1117, 0.3198, 0.2932

Sweetspot

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



91.1084, 0.3503, 0.3797



97.2055, 0.3234, 0.3437



64.7012, 0.3537, 0.3188



20.7557, 0.3243, 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.



91.1084, 0.3503, 0.3797



89.5751, 0.3579, 0.3896



93.1230, 0.3350, 0.3906



20.5986, 0.3273, 0.3490



37.1405, 0.4486, 0.4820



3.7368, 0.4447, 0.4851

Inverse Universe

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



62.0146, 0.2732, 0.2726



56.0863, 0.2648, 0.2601



60.7009, 0.2862, 0.2649



17.8177, 0.2979, 0.3081



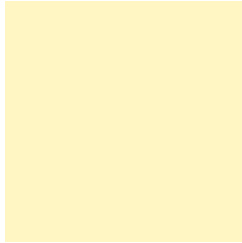
4.6371, 0.1534, 0.0721



0.5751, 0.1580, 0.0889

Previews

White Background



This preview shows how the Yxy color 91.1117, 0.3503, 0.3797 looks on a white background.

Color Contrast Check

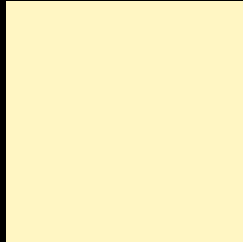
Large Text (above 18pt) WCAG AA × Fail

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 91.1117, 0.3503, 0.3797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

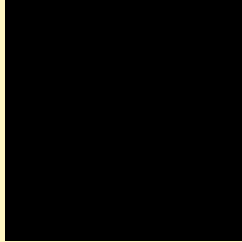
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.1117, 0.3503, 0.3797

Background



This preview shows how black text looks on a background with the Yxy color 91.1117, 0.3503, 0.3797.

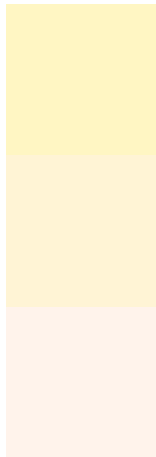


This preview shows how white text looks on a background with the Yxy color 91.1117, 0.3503, 0.3797.

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

91.1117, 0.3503, 0.3797

Protanopia

90.7655, 0.3392, 0.3597

Deuteranopia

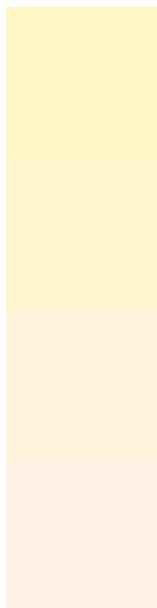
91.3593, 0.3255, 0.3368



Tritanopia

91.1356, 0.3158, 0.3194

Trichromacy



Original Color

91.1117, 0.3503, 0.3797

Protanomaly

91.0210, 0.3435, 0.3677

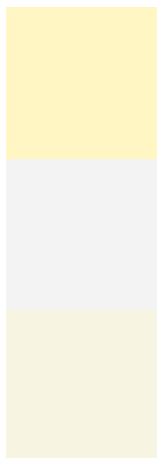
Deuteranomaly

91.1287, 0.3348, 0.3527

Tritanomaly

91.1307, 0.3280, 0.3408

Monochromacy



Original Color

91.1117, 0.3503, 0.3797

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.9665, 0.3257, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.1117, 0.3503, 0.3797 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, 246, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 195)  
}
```

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, 246, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 195) }
```

Border

The CSS property to change the border of an element to Yxy 91.1117, 0.3503, 0.3797 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, 246, 195) }
```

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

```
.border{ border-color:rgb(255, 246, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 91.1117, 0.3503, 0.3797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 195) }
```

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

```
.background{ background-color: rgb(255,  
246, 195) }
```

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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