

Converting Colors

Yxy(98.0185, 0.3286, 0.3569)

Have a look what the booklet for
Yxy(98.0185, 0.3286, 0.3569)
contains.

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Color

Yxy(98.0818, 0.3291, 0.3572)

Conversions

Conversions Part 1

Format	Color
Hex	FEFFE2
RGB	254, 255, 226
RGB Percent	100%, 100%, 89%
CMY	0.0039, 0.0000, 0.1136
CMYK	0.00, 0.00, 0.11, 0.00
HSL	62°, 100%, 94%
HSV	62°, 11%, 100%
XYZ	90.3660, 98.0818, 86.1373
YIQ	251.3950, 8.7130, -9.2310

Conversions

Conversions Part 2

Format	Color
R_{YB}	226, 255, 227
Decimal	16711650
CIE _{Lab}	99.25, -5.13, 13.74
CIE _{LCh}	99, 14.667, 110.470
Yxy	98.0818, 0.3291, 0.3572
Android (android.graphics.Color)	4294901730 (0xFFFEFE2)
YUV	251.3950, -12.5197, 2.2846
Hunter-Lab	99.0363, -10.4405, 17.7576

Details

The Yxy color 98.0818, 0.3291, 0.3572 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 77.9598, 0.2953, 0.2993, and the grayscale version is 96.9203, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.1988, 0.3321, 0.3625 is the 20% darker color. If you saturate the color by 10%, you get 96.6240, 0.3438, 0.3827, and if you desaturate by 10%, it is 99.7558, 0.3146, 0.3323.

Distribution



- Red (100%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (89%)



- Cyan (0%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 98.0818, 0.3291, 0.3572 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 98.0818, 0.3291, 0.3572 by changing the saturation by 10% instead.


 98.0818, 0.3291,
0.3572

 98.0818, 0.3291,
0.3572

553.9847, 0.3220,
0.3447

 74.7026, 0.3306,
0.3599

158.5154, 0.3267,
0.3530

 55.3693, 0.3325,
0.3632

196.3387, 0.3258,
0.3513

 39.6975, 0.3347,
0.3673

239.7454, 0.3249,
0.3498

 27.3027, 0.3375,
0.3725

289.1199, 0.3242,
0.3486

 17.8007, 0.3412,
0.3794

344.8468, 0.3236,
0.3474

 10.8070, 0.3461,
0.3887

407.3102, 0.3230,

 5.9372, 0.3529,

0.3464

0.4022

476.8947, 0.3225,
0.3455

■ 2.8069, 0.3630,
0.4233

■ 1.0318, 0.4169,
0.5070

■ 98.0818, 0.3291,
0.3572

■ 98.0818, 0.3291,
0.3572

■ 96.6240, 0.3438,
0.3827

99.7558, 0.3146,
0.3323

■ 95.3624, 0.3584,
0.4081

100.0000, 0.3127,
0.3290

■ 94.2907, 0.3722,
0.4325

■ 93.3983, 0.3848,
0.4548

■ 92.6734, 0.3954,
0.4741

■ 92.1030, 0.4037,
0.4895

■ 91.6718, 0.4094,
0.5006

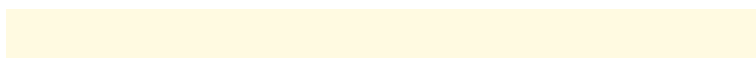
■ 91.3617, 0.4124,
0.5072

■ 91.1673, 0.4133,
0.5100

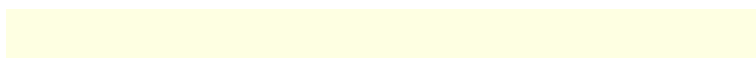
Harmonies

Analogous

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



98.0818, 0.3405, 0.3531



98.0818, 0.3291, 0.3572



98.0818, 0.3135, 0.3534

Triad

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



98.0818, 0.3291, 0.3572



98.0818, 0.2820, 0.3141



98.0818, 0.3273, 0.3159

Complementary

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



98.0818, 0.3291, 0.3572



77.9598, 0.2953, 0.2993

Split Complementary

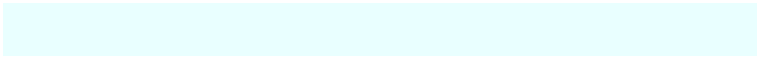
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.0818, 0.3113, 0.3061



98.0818, 0.3291, 0.3572



98.0818, 0.2855, 0.3048

Square

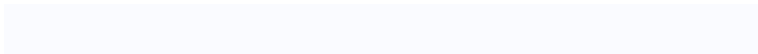
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



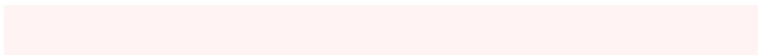
98.0818, 0.3291, 0.3572



98.0818, 0.2866, 0.3280



98.0818, 0.2961, 0.3020



98.0818, 0.3395, 0.3291

Rectangle

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



98.0818, 0.3291, 0.3572



98.0818, 0.3029, 0.3468



98.0818, 0.2961, 0.3020



98.0818, 0.3222, 0.3122

Sweetspot

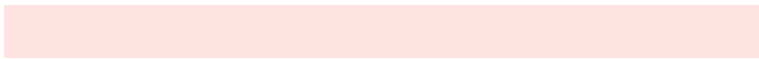
The Sweet Spot groups the original color and five complimentary colors.



98.0854, 0.3291, 0.3572



99.4676, 0.3170, 0.3363



81.6858, 0.3331, 0.3300



21.2604, 0.3181, 0.3383



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.



98.0854, 0.3291, 0.3572



97.6800, 0.3330, 0.3639



95.4585, 0.3198, 0.3580



21.0573, 0.3264, 0.3525



47.6510, 0.4134, 0.5100



4.6491, 0.4141, 0.5094

Inverse Universe

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



77.9598, 0.2953, 0.2993



73.3363, 0.2909, 0.2917



80.4117, 0.3049, 0.3001



17.4073, 0.2984, 0.3044



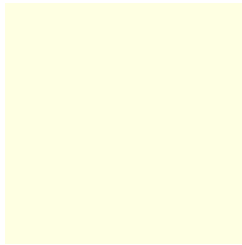
3.8147, 0.1510, 0.0606



0.3814, 0.1534, 0.0619

Previews

White Background



This preview shows how the Yxy color 98.0818, 0.3291, 0.3572 looks on a white background.

Color Contrast Check

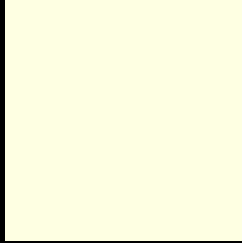
Large Text (above 18pt) WCAG AA × Fail

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 98.0818, 0.3291, 0.3572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

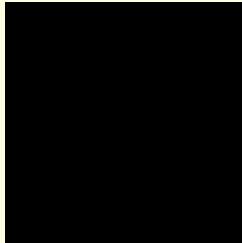
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 98.0818, 0.3291, 0.3572

Background



This preview shows how black text looks on a background with the Yxy color 98.0818, 0.3291, 0.3572.



This preview shows how white text looks on a background with the Yxy color 98.0818, 0.3291, 0.3572.

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

98.0818, 0.3291, 0.3572



Protanopia

98.2879, 0.3169, 0.3338

Deuteranopia

97.8458, 0.3152, 0.3300

Tritanopia

97.9116, 0.3122, 0.3261

Trichromacy



Original Color

98.0818, 0.3291, 0.3572



Protanomaly

98.4349, 0.3215, 0.3425

Deuteranomaly

97.9214, 0.3204, 0.3396

Tritanomaly

97.8530, 0.3186, 0.3377

Monochromacy



Original Color

98.0818, 0.3291, 0.3572



Achromatopsia

96.4686, 0.3127, 0.3290



Achromatomaly

96.7271, 0.3186, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 98.0818, 0.3291, 0.3572 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, 255, 226)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 226)  
}
```

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, 255, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 226) }
```

Border

The CSS property to change the border of an element to Yxy 98.0818, 0.3291, 0.3572 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, 255, 226) }
```

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

```
.border{ border-color:rgb(254, 255, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 255, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 226);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 98.0818, 0.3291, 0.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 226) }
```

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

```
.background{ background-color: rgb(254,  
255, 226) }
```

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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