

Converting Colors

$Yxy(97.2025, 0.3292, 0.3573)$

Have a look what the booklet for
Yxy(97.2025, 0.3292, 0.3573)
contains.

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Color

Yxy(97.2025, 0.3292, 0.3573)

Conversions

Conversions Part 1

Format	Color
Hex	FD FEE1
RGB	253, 254, 225
RGB Percent	99%, 100%, 88%
CMY	0.0076, 0.0040, 0.1176
CMYK	0.00, 0.00, 0.11, 0.00
HSL	62°, 93%, 94%
HSV	62°, 11%, 100%
XYZ	89.5580, 97.2025, 85.2868
YIQ	250.3950, 8.7130, -9.2310

Conversions

Conversions Part 2

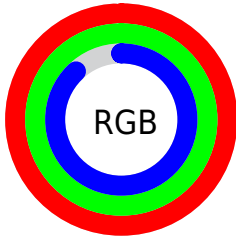
Format	Color
R _Y B	225, 254, 226
Decimal	16645857
CIE Lab	98.91, -5.11, 13.76
CIE LCh	99, 14.674, 110.379
Yxy	97.2025, 0.3292, 0.3573
Android (android.graphics.Color)	4294835937 (0xFFFD _{FEE} 1)
YUV	250.3950, -12.5197, 2.2846
Hunter-Lab	98.5913, -10.3898, 17.7249

Details

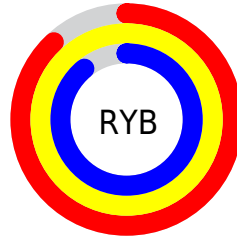
The Yxy color **97.2025, 0.3292, 0.3573** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **77.1746, 0.2952, 0.2992**, and the grayscale version is **96.0520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.5705, 0.3322, 0.3626** is the 20% darker color. If you saturate the color by 10%, you get **95.7695, 0.3440, 0.3828**, and if you desaturate by 10%, it is **98.8509, 0.3147, 0.3324**.

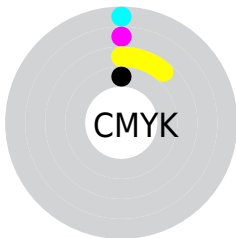
Distribution



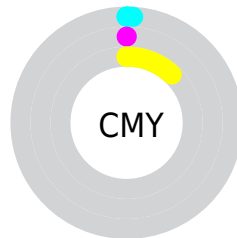
- Red (99%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (89%)



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





- Cyan (1%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.2025, 0.3292, 0.3573 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 97.2025, 0.3292, 0.3573 by changing the saturation by 10% instead.


 97.2025, 0.3292,
0.3573

 97.2025, 0.3292,
0.3573


551.1923, 0.3220,
0.3448

 73.9695, 0.3307,
0.3600


157.3040, 0.3268,
0.3530

 54.7691, 0.3326,
0.3634


194.9412, 0.3258,
0.3514

 39.2168, 0.3349,
0.3675


238.1486, 0.3250,
0.3499

 26.9285, 0.3377,
0.3728

287.3106, 0.3243,
0.3486

 17.5195, 0.3414,
0.3797

342.8116, 0.3236,
0.3475

 10.6056, 0.3464,
0.3891

405.0359, 0.3230,

 5.8023, 0.3533,

0.3465

0.4028

474.3680, 0.3225,
0.3456

■ 2.7252, 0.3636,
0.4243

■ 0.9900, 0.4244,
0.5171

■ 97.2025, 0.3292,
0.3573

■ 97.2025, 0.3292,
0.3573

■ 95.7695, 0.3440,
0.3828

■ 98.8509, 0.3147,
0.3324

■ 94.5300, 0.3586,
0.4082

99.2963, 0.3126,
0.3280

■ 93.4786, 0.3724,
0.4325

99.3557, 0.3128,
0.3280

■ 92.6046, 0.3850,
0.4548

■ 91.8965, 0.3957,
0.4740

■ 91.3411, 0.4040,
0.4894

■ 90.9236, 0.4097,
0.5004

■ 90.6260, 0.4127,
0.5070

■ 90.4422, 0.4137,
0.5098

Harmonies

Analogous

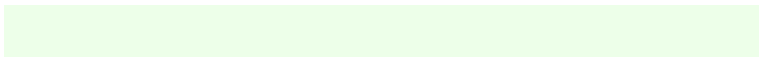
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.2025, 0.3406, 0.3531



97.2025, 0.3292, 0.3573



97.2025, 0.3135, 0.3535

Triad

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



97.2025, 0.3292, 0.3573



97.2025, 0.2819, 0.3141



97.2025, 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.



97.2025, 0.3292, 0.3573



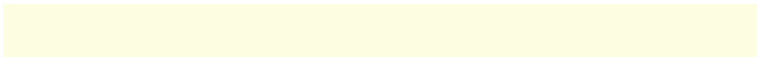
77.1746, 0.2952, 0.2992

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.



97.2025, 0.3113, 0.3060



97.2025, 0.3292, 0.3573



97.2025, 0.2854, 0.3047

Square

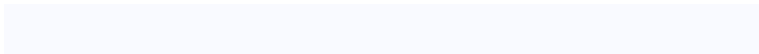
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



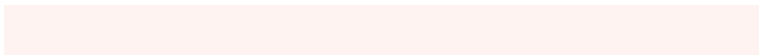
97.2025, 0.3292, 0.3573



97.2025, 0.2865, 0.3280



97.2025, 0.2960, 0.3019



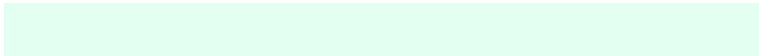
97.2025, 0.3396, 0.3291

Rectangle

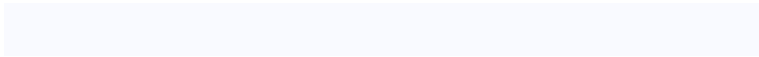
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97.2025, 0.3292, 0.3573



97.2025, 0.3029, 0.3469



97.2025, 0.2960, 0.3019



97.2025, 0.3221, 0.3121

Sweetspot

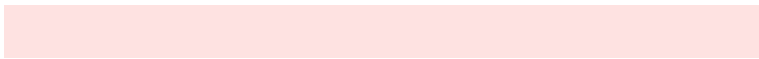
The Sweet Spot groups the original color and five complimentary colors.



97.2068, 0.3292, 0.3573



99.4706, 0.3170, 0.3363



80.6269, 0.3332, 0.3295



21.2612, 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.



97.2068, 0.3292, 0.3573



97.6941, 0.3330, 0.3639



94.6670, 0.3201, 0.3581



21.0593, 0.3264, 0.3525



47.7007, 0.4138, 0.5097



4.6534, 0.4144, 0.5091

Inverse Universe

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



77.1746, 0.2952, 0.2992



73.3246, 0.2909, 0.2917



79.5374, 0.3046, 0.3000



17.4055, 0.2983, 0.3044



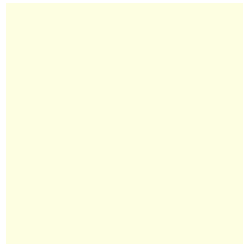
3.8121, 0.1509, 0.0605



0.3805, 0.1532, 0.0618

Previews

White Background



This preview shows how the Yxy color 97.2025, 0.3292, 0.3573 looks on a white background.

Color Contrast Check

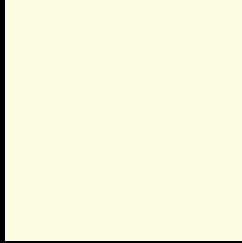
Large Text (above 18pt) WCAG AA × Fail

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 97.2025, 0.3292, 0.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

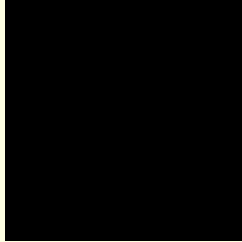
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.2025, 0.3292, 0.3573

Background



This preview shows how black text looks on a background with the Yxy color 97.2025, 0.3292, 0.3573.

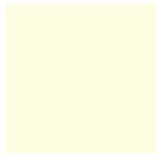


This preview shows how white text looks on a background with the Yxy color 97.2025, 0.3292, 0.3573.

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

97.2025, 0.3292, 0.3573



Protanopia

97.4125, 0.3193, 0.3367

Deuteranopia

97.1565, 0.3158, 0.3300

Tritanopia

97.0970, 0.3116, 0.3252

Trichromacy



Original Color

97.2025, 0.3292, 0.3573



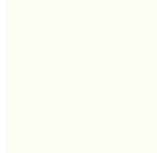
Protanomaly

97.4358, 0.3227, 0.3445



Deuteranomaly

97.0425, 0.3204, 0.3396



Tritanomaly

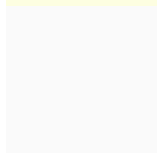
97.0351, 0.3180, 0.3367

Monochromacy



Original Color

97.2025, 0.3292, 0.3573



Achromatopsia

95.5973, 0.3127, 0.3290



Achromatomaly

95.8545, 0.3186, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.2025, 0.3292, 0.3573 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(253, 254, 225)` looks like.

```
.text, #text, p{  
    color:rgb(253, 254, 225)  
}
```

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(253, 254, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 254, 225) }
```

Border

The CSS property to change the border of an element to Yxy 97.2025, 0.3292, 0.3573 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(253, 254, 225) }
```

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

```
.border{ border-color:rgb(253, 254, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 254, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 254, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 254, 225); box-shadow:4px 4px 4px 4px rgb(253, 254, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 97.2025, 0.3292, 0.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 254, 225) }
```

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

```
.background{ background-color: rgb(253,  
254, 225) }
```

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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