

Converting Colors

$Yxy(97.5739, 0.3286, 0.3589)$

Have a look what the booklet for
Yxy(97.5739, 0.3286, 0.3589)
contains.

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Color

Yxy(97.5973, 0.3290, 0.3593)

Conversions

Conversions Part 1

Format	Color
Hex	FCFFE0
RGB	252, 255, 224
RGB Percent	99%, 100%, 88%
CMY	0.0117, 0.0000, 0.1215
CMYK	0.01, 0.00, 0.12, 0.00
HSL	66°, 100%, 94%
HSV	66°, 12%, 100%
XYZ	89.3669, 97.5973, 84.6676
YIQ	250.5690, 8.1630, -10.2770

Conversions

Conversions Part 2

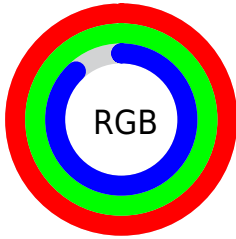
Format	Color
RYB	224, 255, 227
Decimal	16580576
CIELab	99.06, -6.13, 14.47
CIELCh	99, 15.715, 112.953
Yxy	97.5973, 0.3290, 0.3593
Android (android.graphics.Color)	4294770656 (0xFFFCFFE0)
YUV	250.5690, -13.0985, 1.2550
Hunter-Lab	98.7913, -11.4134, 18.3403

Details

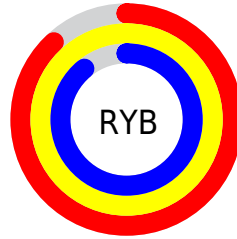
The Yxy color 97.5973, 0.3290, 0.3593 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 76.8788, 0.2953, 0.2972, and the grayscale version is 96.2050, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.8548, 0.3319, 0.3652 is the 20% darker color. If you saturate the color by 10%, you get 95.8645, 0.3426, 0.3852, and if you desaturate by 10%, it is 99.5520, 0.3155, 0.3342.

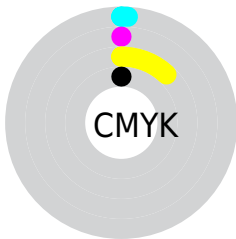
Distribution



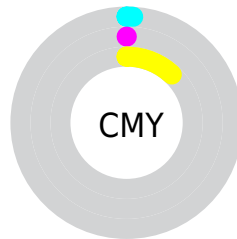
- Red (99%)
- Green (100%)
- Blue (88%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.5973, 0.3290, 0.3593 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 97.5973, 0.3290, 0.3593 by changing the saturation by 10% instead.


 97.5973, 0.3290,
0.3593

 97.5973, 0.3290,
0.3593


552.4470, 0.3219,
0.3459

 74.2986, 0.3305,
0.3622

157.8480, 0.3266,
0.3547

 55.0385, 0.3323,
0.3658

195.5689, 0.3257,
0.3529

 39.4325, 0.3346,
0.3702


238.8658, 0.3249,
0.3514

 27.0964, 0.3373,
0.3759

288.1234, 0.3241,
0.3500

 17.6456, 0.3409,
0.3833

343.7259, 0.3235,
0.3488

 10.6959, 0.3457,
0.3934

406.0577, 0.3229,

 5.8627, 0.3524,

0.3477

0.4082

475.5033, 0.3224,
0.3467

■ 2.7618, 0.3621,
0.4313

■ 1.0087, 0.4246,
0.5327

■ 97.5973, 0.3290,
0.3593

■ 97.5973, 0.3290,
0.3593

■ 95.8645, 0.3426,
0.3852

■ 99.5520, 0.3155,
0.3342

■ 94.3317, 0.3560,
0.4111

99.9994, 0.3127,
0.3290

■ 92.9931, 0.3686,
0.4361

■ 91.8380, 0.3799,
0.4593

■ 90.8545, 0.3893,
0.4796

■ 90.0295, 0.3962,
0.4960

■ 89.3474, 0.4006,
0.5080

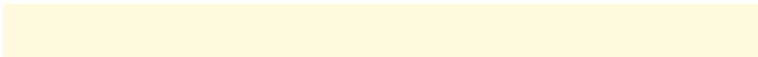
■ 88.7899, 0.4023,
0.5155

■ 88.4178, 0.4022,
0.5189

Harmonies

Analogous

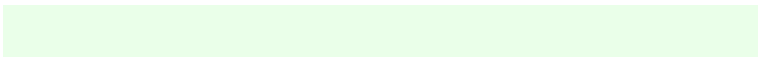
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.5973, 0.3418, 0.3555



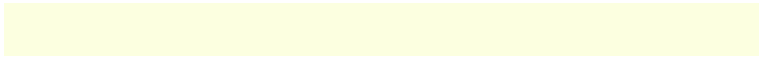
97.5973, 0.3290, 0.3593



97.5973, 0.3121, 0.3546

Triad

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



97.5973, 0.3290, 0.3593



97.5973, 0.2798, 0.3119



97.5973, 0.3297, 0.3161

Complementary

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



97.5973, 0.3290, 0.3593



76.8788, 0.2953, 0.2972

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.



97.5973, 0.3126, 0.3052



97.5973, 0.3290, 0.3593



97.5973, 0.2842, 0.3025

Square

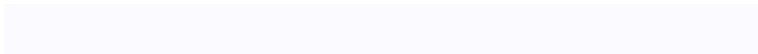
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



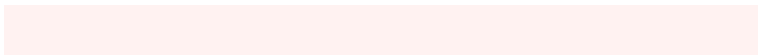
97.5973, 0.3290, 0.3593



97.5973, 0.2840, 0.3265



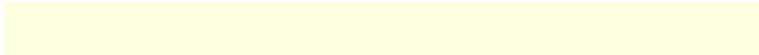
97.5973, 0.2960, 0.3002



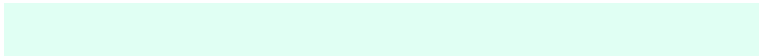
97.5973, 0.3423, 0.3303

Rectangle

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



97.5973, 0.3290, 0.3593



97.5973, 0.3008, 0.3471



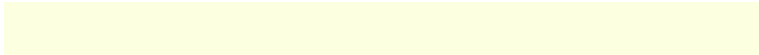
97.5973, 0.2960, 0.3002



97.5973, 0.3242, 0.3119

Sweetspot

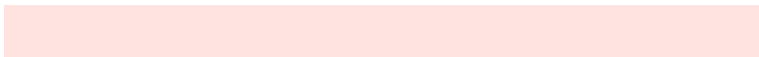
The Sweet Spot groups the original color and five complimentary colors.



97.6016, 0.3290, 0.3593



99.1746, 0.3180, 0.3388



81.3677, 0.3345, 0.3316



21.1951, 0.3190, 0.3407



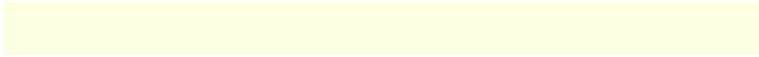
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



97.6016, 0.3290, 0.3593



97.0852, 0.3329, 0.3666



94.8957, 0.3193, 0.3602



20.9967, 0.3254, 0.3526



46.2370, 0.4025, 0.5186



4.5267, 0.4045, 0.5170

Inverse Universe

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



76.8788, 0.2953, 0.2972



72.0000, 0.2908, 0.2890



79.4403, 0.3054, 0.2981



17.4613, 0.2993, 0.3045



3.9052, 0.1531, 0.0617



0.4069, 0.1594, 0.0652

Previews

White Background



This preview shows how the Yxy color 97.5973, 0.3290, 0.3593 looks on a white background.

Color Contrast Check

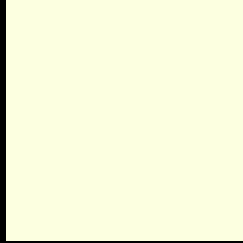
Large Text (above 18pt) WCAG AA × Fail

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 97.5973, 0.3290, 0.3593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

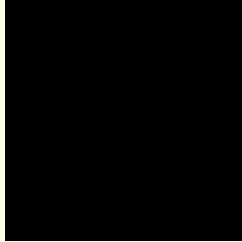
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.5973, 0.3290, 0.3593

Background



This preview shows how black text looks on a background with the Yxy color 97.5973, 0.3290, 0.3593.



This preview shows how white text looks on a background with the Yxy color 97.5973, 0.3290, 0.3593.

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

97.5973, 0.3290, 0.3593



Protanopia

97.5346, 0.3181, 0.3348

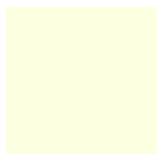
Deuteranopia

97.7829, 0.3158, 0.3309

Tritanopia

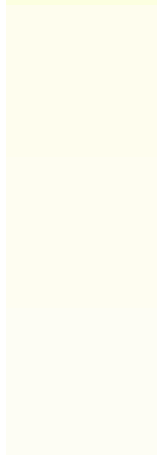
97.7235, 0.3116, 0.3261

Trichromacy



Original Color

97.5973, 0.3290, 0.3593



Protanomaly

97.4944, 0.3222, 0.3435

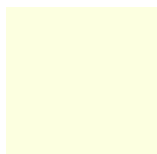
Deuteranomaly

97.6723, 0.3204, 0.3406

Tritanomaly

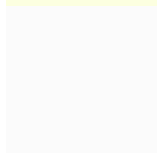
97.6649, 0.3180, 0.3377

Monochromacy



Original Color

97.5973, 0.3290, 0.3593



Achromatopsia

96.4686, 0.3127, 0.3290



Achromatomaly

96.4809, 0.3185, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.5973, 0.3290, 0.3593 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(252, 255, 224)` looks like.

```
.text, #text, p{  
    color:rgb(252, 255, 224)  
}
```

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(252, 255, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 224) }
```

Border

The CSS property to change the border of an element to Yxy 97.5973, 0.3290, 0.3593 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(252, 255, 224) }
```

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

```
.border{ border-color:rgb(252, 255, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 255, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 97.5973, 0.3290, 0.3593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 255, 224) }
```

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

```
.background{ background-color: rgb(252,  
255, 224) }
```

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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