

Converting Colors

$Yxy(97.3195, 0.3288, 0.3604)$

Have a look what the booklet for
Yxy(97.3195, 0.3288, 0.3604)
contains.

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Color

Yxy(97.3569, 0.3290, 0.3604)

Conversions

Conversions Part 1

Format	Color
Hex	FBFFDF
RGB	251, 255, 223
RGB Percent	98%, 100%, 87%
CMY	0.0155, 0.0000, 0.1256
CMYK	0.02, 0.00, 0.13, 0.00
HSL	67°, 100%, 94%
HSV	67°, 13%, 100%
XYZ	88.8746, 97.3569, 83.9041
YIQ	250.1560, 7.8880, -10.8000

Conversions

Conversions Part 2

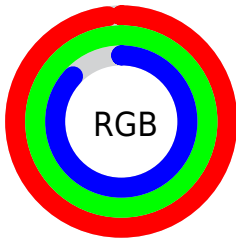
Format	Color
R_{YB}	223, 255, 227
Decimal	16515039
CIE _{Lab}	98.97, -6.62, 14.86
CIE _{LCh}	99, 16.271, 114.016
Yxy	97.3569, 0.3290, 0.3604
Android (android.graphics.Color)	4294705119 (0xFFFBFFDF)
YUV	250.1560, -13.3879, 0.7402
Hunter-Lab	98.6696, -11.8915, 18.6512

Details

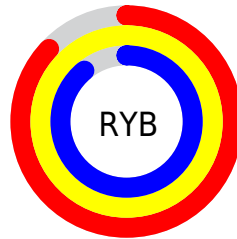
The Yxy color **97.3569, 0.3290, 0.3604** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **76.3020, 0.2952, 0.2961**, and the grayscale version is **95.8492, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.6847, 0.3319, 0.3666** is the 20% darker color. If you saturate the color by 10%, you get **95.5097, 0.3422, 0.3864**, and if you desaturate by 10%, it is **99.4294, 0.3160, 0.3352**.

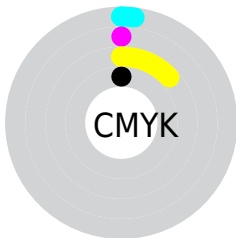
Distribution



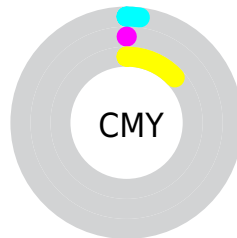
- Red (98%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (89%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.3569, 0.3290, 0.3604 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 97.3569, 0.3290, 0.3604 by changing the saturation by 10% instead.

 97.3569, 0.3290,
0.3604

 97.3569, 0.3290,
0.3604

551.6831, 0.3219,
0.3465

 74.0982, 0.3305,
0.3635


157.5168, 0.3266,
0.3557

 54.8744, 0.3323,
0.3672


195.1867, 0.3257,
0.3538

 39.3012, 0.3345,
0.3718


238.4292, 0.3249,
0.3522

 26.9941, 0.3373,
0.3776

287.6285, 0.3241,
0.3507

 17.5688, 0.3409,
0.3854

343.1692, 0.3235,
0.3495

 10.6408, 0.3456,
0.3959

405.4356, 0.3229,

 5.8259, 0.3522,

0.3484

0.4113

474.8121, 0.3224,
0.3474

■ 2.7395, 0.3617,
0.4355

■ 0.9973, 0.4294,
0.5475

■ 97.3569, 0.3290,
0.3604

■ 97.3569, 0.3290,
0.3604

■ 95.5097, 0.3422,
0.3864

■ 99.4294, 0.3160,
0.3352

■ 93.8658, 0.3550,
0.4125

99.9953, 0.3127,
0.3290

■ 92.4195, 0.3671,
0.4379

■ 91.1598, 0.3778,
0.4615

■ 90.0749, 0.3866,
0.4821

■ 89.1514, 0.3930,
0.4990

■ 88.3738, 0.3968,
0.5114

■ 87.7235, 0.3979,
0.5192

■ 87.3015, 0.3974,
0.5227

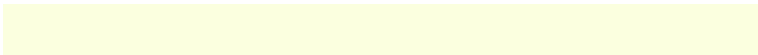
Harmonies

Analogous

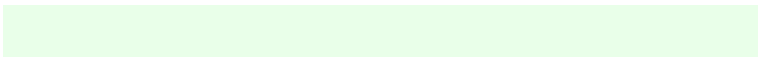
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.3569, 0.3425, 0.3567



97.3569, 0.3290, 0.3604



97.3569, 0.3114, 0.3552

Triad

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



97.3569, 0.3290, 0.3604



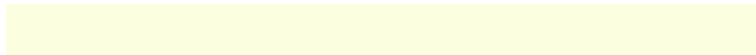
97.3569, 0.2787, 0.3108



97.3569, 0.3308, 0.3161

Complementary

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



97.3569, 0.3290, 0.3604



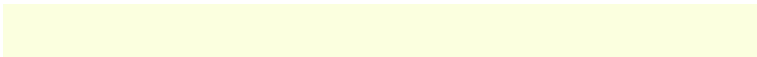
76.3020, 0.2952, 0.2961

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.



97.3569, 0.3133, 0.3047



97.3569, 0.3290, 0.3604



97.3569, 0.2835, 0.3013

Square

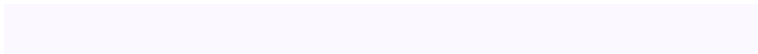
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



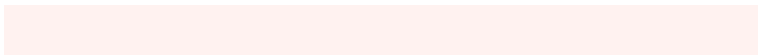
97.3569, 0.3290, 0.3604



97.3569, 0.2827, 0.3258



97.3569, 0.2960, 0.2993



97.3569, 0.3437, 0.3309

Rectangle

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



97.3569, 0.3290, 0.3604



97.3569, 0.2998, 0.3472



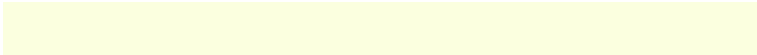
97.3569, 0.2960, 0.2993



97.3569, 0.3253, 0.3118

Sweetspot

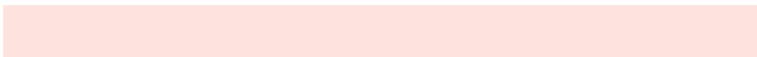
The Sweet Spot groups the original color and five complimentary colors.



97.3612, 0.3290, 0.3604



99.1231, 0.3178, 0.3388



81.3676, 0.3352, 0.3328



21.1820, 0.3188, 0.3407



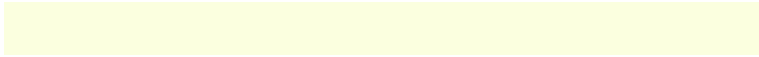
0.0000, 0.0000, 0.0000



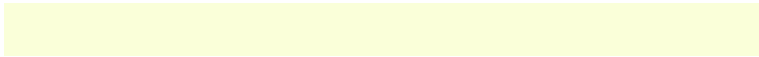
21.4041, 0.3127, 0.3290

Same Dimension

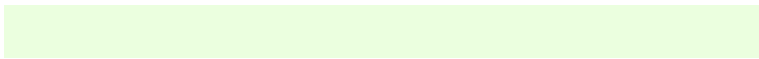
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.3612, 0.3290, 0.3604



96.8950, 0.3322, 0.3667



94.5470, 0.3189, 0.3614



20.9707, 0.3250, 0.3526



45.6646, 0.3978, 0.5224



4.4767, 0.4004, 0.5203

Inverse Universe

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



76.3020, 0.2952, 0.2961



72.1608, 0.2915, 0.2891



78.9894, 0.3058, 0.2971



17.4848, 0.2998, 0.3045



3.9611, 0.1544, 0.0624



0.4179, 0.1620, 0.0666

Previews

White Background



This preview shows how the Yxy color 97.3569, 0.3290, 0.3604 looks on a white background.

Color Contrast Check

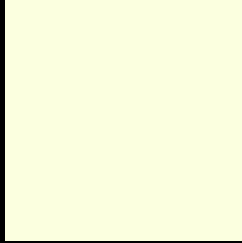
Large Text (above 18pt) WCAG AA × Fail

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 97.3569, 0.3290, 0.3604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

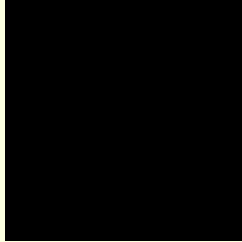
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.3569, 0.3290, 0.3604

Background



This preview shows how black text looks on a background with the Yxy color 97.3569, 0.3290, 0.3604.



This preview shows how white text looks on a background with the Yxy color 97.3569, 0.3290, 0.3604.

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

97.3569, 0.3290, 0.3604



Protanopia

97.4734, 0.3187, 0.3357

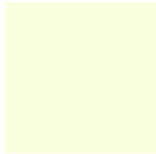
Deuteranopia

97.1565, 0.3158, 0.3300

Tritanopia

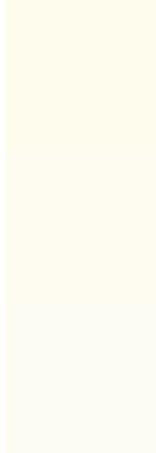
97.0970, 0.3116, 0.3252

Trichromacy



Original Color

97.3569, 0.3290, 0.3604



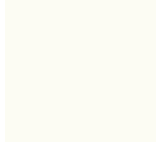
Protanomaly

97.4358, 0.3227, 0.3445



Deuteranomaly

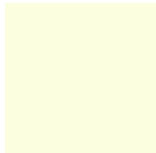
96.9829, 0.3210, 0.3406



Tritanomaly

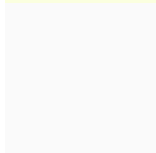
96.7873, 0.3180, 0.3377

Monochromacy



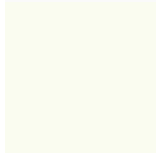
Original Color

97.3569, 0.3290, 0.3604



Achromatopsia

95.5973, 0.3127, 0.3290



Achromatomaly

96.2361, 0.3185, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.3569, 0.3290, 0.3604 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(251, 255, 223)` looks like.

```
.text, #text, p{  
    color:rgb(251, 255, 223)  
}
```

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(251, 255, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 223) }
```

Border

The CSS property to change the border of an element to Yxy 97.3569, 0.3290, 0.3604 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(251, 255, 223) }
```

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

```
.border{ border-color:rgb(251, 255, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 255, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 223);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 97.3569, 0.3290, 0.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 255, 223) }
```

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

```
.background{ background-color: rgb(251,  
255, 223) }
```

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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