

Converting Colors

$Y_{xy}(97.5690, 0.3158, 0.3307)$

Have a look what the booklet for
Yxy(97.5690, 0.3158, 0.3307)
contains.

Yxy(97.7829, 0.3158, 0.3309)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(97.7829, 0.3158, 0.3309)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCFA
RGB	255, 252, 250
RGB Percent	100%, 99%, 98%
CMY	0.0000, 0.0118, 0.0196
CMYK	0.00, 0.01, 0.02, 0.00
HSL	24°, 100%, 99%
HSV	24°, 2%, 100%
XYZ	93.3208, 97.7829, 104.4022
YIQ	252.6690, 2.4300, 0.0140

Conversions

Conversions Part 2

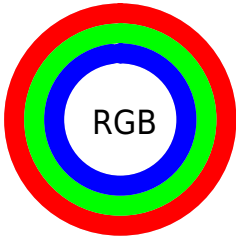
Format	Color
R _Y B	255, 253, 250
Decimal	16776442
CIE Lab	99.14, 0.68, 1.29
CIE LCh	99, 1.460, 62.351
Yxy	97.7829, 0.3158, 0.3309
Android (android.graphics.Color)	4294966522 (0xFFFFFCFA)
YUV	252.6690, -1.3158, 2.0443
Hunter-Lab	98.8852, -4.5937, 6.6218

Details

The Yxy color 97.7829, 0.3158, 0.3309 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.8068, 0.3097, 0.3271, and the grayscale version is 97.9380, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.9310, 0.3159, 0.3302 is the 20% darker color. If you saturate the color by 10%, you get 87.0150, 0.3329, 0.3410, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

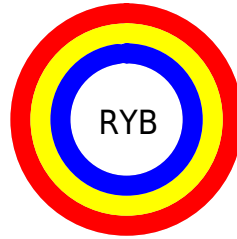
Distribution



Red (100%)

Green (99%)

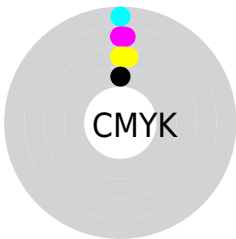
Blue (98%)



Red (100%)

Yellow (99%)

Blue (98%)

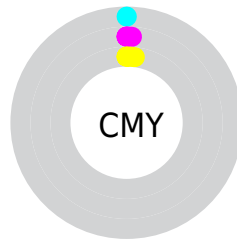


Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (1%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.7829, 0.3158, 0.3309 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 97.7829, 0.3158, 0.3309 by changing the saturation by 10% instead.


 97.7829, 0.3158,
0.3309

 97.7829, 0.3158,
0.3309

553.0363, 0.3145,
0.3301

 74.4533, 0.3161,
0.3311

158.1037, 0.3153,
0.3306

 55.1652, 0.3164,
0.3313

195.8638, 0.3152,
0.3305

 39.5340, 0.3169,
0.3316


239.2029, 0.3150,
0.3304

 27.1754, 0.3174,
0.3319

288.5053, 0.3149,
0.3303

 17.7050, 0.3182,
0.3323

344.1554, 0.3147,
0.3303

 10.7384, 0.3192,
0.3329

406.5377, 0.3146,

 5.8912, 0.3206,

0.3302

0.3338

476.0365, 0.3145,
0.3301

■ 2.7790, 0.3228,
0.3351

■ 1.0175, 0.3269,
0.3375

■ 97.7829, 0.3158,
0.3309

■ 97.7829, 0.3158,
0.3309

■ 87.0150, 0.3329,
0.3410

100.0000, 0.3127,
0.3290

■ 77.2237, 0.3529,
0.3517

■ 68.3747, 0.3760,
0.3627

■ 60.4382, 0.4024,
0.3735

■ 53.3829, 0.4319,
0.3834

■ 47.1752, 0.4638,
0.3913

■ 41.7793, 0.4967,
0.3958

■ 37.1557, 0.5281,
0.3958

■ 33.2608, 0.5556,
0.3903

Harmonies

Analogous

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

97.7829, 0.3157, 0.3296

97.7829, 0.3158, 0.3309

97.7829, 0.3151, 0.3317

Triad

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



97.7829, 0.3158, 0.3309



97.7829, 0.3107, 0.3298



97.7829, 0.3117, 0.3263

Complementary

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



97.7829, 0.3158, 0.3309



97.8068, 0.3097, 0.3271

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.



97.7829, 0.3103, 0.3264



97.7829, 0.3158, 0.3309



97.7829, 0.3098, 0.3284

Square

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



97.7829, 0.3158, 0.3309



97.7829, 0.3122, 0.3310



97.7829, 0.3097, 0.3271



97.7829, 0.3133, 0.3270

Rectangle

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



97.7829, 0.3158, 0.3309



97.7829, 0.3143, 0.3318



97.7829, 0.3097, 0.3271



97.7829, 0.3112, 0.3263

Sweetspot

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



97.7768, 0.3158, 0.3309



98.8598, 0.3143, 0.3300



96.7329, 0.3141, 0.3261



21.1721, 0.3142, 0.3299



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

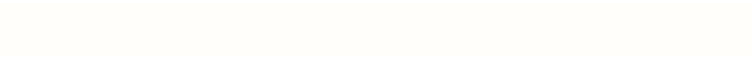
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.7768, 0.3158, 0.3309



97.7296, 0.3158, 0.3309



99.3115, 0.3156, 0.3332



20.9420, 0.3157, 0.3308



16.2694, 0.5709, 0.3849



1.7904, 0.5500, 0.4015

Inverse Universe

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



97.8068, 0.3097, 0.3271



97.7603, 0.3096, 0.3271



96.2835, 0.3098, 0.3248



20.9483, 0.3098, 0.3271



16.1049, 0.1870, 0.1930



1.7816, 0.1917, 0.2101

Previews

White Background



This preview shows how the Yxy color 97.7829, 0.3158, 0.3309 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 97.7829, 0.3158, 0.3309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

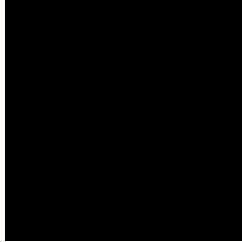
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.7829, 0.3158, 0.3309

Background



This preview shows how black text looks on a background with the Yxy color 97.7829, 0.3158, 0.3309.



This preview shows how white text looks on a background with the Yxy color 97.7829, 0.3158, 0.3309.

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

97.7829, 0.3158, 0.3309

Protanopia

97.8458, 0.3152, 0.3300

Deuteranopia

97.9091, 0.3146, 0.3290

Tritanopia

97.7235, 0.3116, 0.3261

Trichromacy

Original Color

97.7829, 0.3158, 0.3309

Protanomaly

97.8458, 0.3152, 0.3300

Deuteranomaly

97.8458, 0.3152, 0.3300

Tritanomaly

97.7835, 0.3134, 0.3280

Monochromacy

Original Color

97.7829, 0.3158, 0.3309

Achromatopsia

98.2251, 0.3127, 0.3290

Achromatomaly

98.3497, 0.3139, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.7829, 0.3158, 0.3309 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, 252, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 250)  
}
```

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, 252, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 250) }
```

Border

The CSS property to change the border of an element to Yxy 97.7829, 0.3158, 0.3309 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, 252, 250) }
```

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

```
.border{ border-color:rgb(255, 252, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 97.7829, 0.3158, 0.3309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 250) }
```

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

```
.background{ background-color: rgb(255,  
252, 250) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor