

Converting Colors

$Y_{xy}(100.0000, 0.3120, 0.3328)$

Have a look what the booklet for
Yxy(100.0000, 0.3120, 0.3328)
contains.

Yxy(99.0575, 0.3120, 0.3319)	3
Conversions	4
Details	6
Harmonies	12
Previews	23
Color Blindness Simulation	26
CSS Examples	29

Color

Yxy(99.0575, 0.3120, 0.3319)

Conversions

Conversions Part 1

Format	Color
Hex	FBFFFC
RGB	251, 255, 252
RGB Percent	98%, 100%, 99%
CMY	0.0156, 0.0000, 0.0119
CMYK	0.02, 0.00, 0.01, 0.00
HSL	134°, 100%, 99%
HSV	134°, 2%, 100%
XYZ	93.1182, 99.0575, 106.2801
YIQ	253.4620, -1.4210, -1.7810

Conversions

Conversions Part 2

Format	Color
R _Y B	251, 254, 255
Decimal	16515068
CIE Lab	99.63, -1.83, 0.98
CIE LCh	100, 2.074, 151.915
Yxy	99.0575, 0.3120, 0.3319
Android (android.graphics.Color)	4294705148 (0xFFFBFFFC)
YUV	253.4620, -0.7208, -2.1592
Hunter-Lab	99.5276, -7.1684, 6.3568

Details

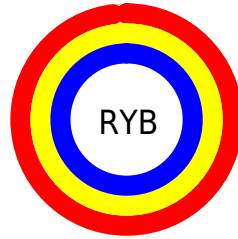
The Yxy color 99.0575, 0.3120, 0.3319 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.4341, 0.3134, 0.3261, and the grayscale version is 98.6459, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.9304, 0.3125, 0.3326 is the 20% darker color. If you saturate the color by 10%, you get 93.4672, 0.3074, 0.3520, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

Distribution



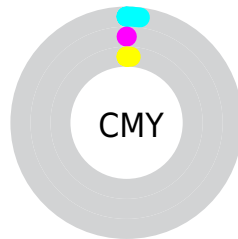
- Red (98%)
- Green (100%)
- Blue (99%)



- Red (98%)
- Yellow (100%)
- Blue (100%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 99.0575, 0.3120, 0.3319 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 99.0575, 0.3120, 0.3319 by changing the saturation by 10% instead.

99.0575, 0.3120,
0.3319

99.0575, 0.3120,
0.3319

557.0747, 0.3123,
0.3306

75.5166, 0.3119,
0.3322

159.8585, 0.3121,
0.3315

56.0362, 0.3118,
0.3325

197.8874, 0.3122,
0.3313

40.2319, 0.3117,
0.3329

241.5144, 0.3122,
0.3312

27.7194, 0.3116,
0.3334

291.1238, 0.3122,
0.3310

18.1143, 0.3114,
0.3341

347.1002, 0.3122,
0.3309

11.0321, 0.3112,
0.3350

409.8279, 0.3123,

6.0884, 0.3109,

0.3308

0.3364

479.6913, 0.3123,
0.3307

■ 2.8989, 0.3103,
0.3384

■ 1.0792, 0.3094,
0.3422

■ 99.0575, 0.3120,
0.3319

■ 99.0575, 0.3120,
0.3319

■ 93.4672, 0.3074,
0.3520

100.0000, 0.3127,
0.3290

■ 88.6083, 0.3028,
0.3747

■ 84.4538, 0.2984,
0.3998

■ 80.9705, 0.2944,
0.4272

■ 78.1224, 0.2913,
0.4561

■ 75.8703, 0.2891,
0.4855

■ 74.1702, 0.2883,
0.5140

■ 72.9720, 0.2890,
0.5399

■ 72.2162, 0.2910,
0.5618

Harmonies

Analogous

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

99.0575, 0.3143, 0.3328

99.0575, 0.3120, 0.3319

99.0575, 0.3099, 0.3302

Triad

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



99.0575, 0.3120, 0.3319



99.0575, 0.3093, 0.3253



99.0575, 0.3169, 0.3299

Complementary

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



99.0575, 0.3120, 0.3319



97.4341, 0.3134, 0.3261

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.



99.0575, 0.3155, 0.3279



99.0575, 0.3120, 0.3319



99.0575, 0.3112, 0.3252

Square

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



99.0575, 0.3120, 0.3319



99.0575, 0.3084, 0.3264



99.0575, 0.3134, 0.3262



99.0575, 0.3171, 0.3317

Rectangle

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



99.0575, 0.3120, 0.3319



99.0575, 0.3089, 0.3288



99.0575, 0.3134, 0.3262



99.0575, 0.3165, 0.3292

Sweetspot

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



99.0614, 0.3120, 0.3319

100.0000, 0.3127, 0.3290



99.5719, 0.3144, 0.3328



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



99.0614, 0.3120, 0.3319



98.7971, 0.3118, 0.3327



99.1872, 0.3109, 0.3300



21.1593, 0.3118, 0.3326



37.5614, 0.2927, 0.5738



3.6733, 0.2870, 0.5531

Inverse Universe

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



97.4341, 0.3134, 0.3261



96.7118, 0.3136, 0.3253



97.3083, 0.3146, 0.3280



20.7347, 0.3136, 0.3255



13.1872, 0.3916, 0.1931



1.3008, 0.3818, 0.1877

Previews

White Background



This preview shows how the Yxy color 99.0575, 0.3120, 0.3319 looks on a white background.

Color Contrast Check

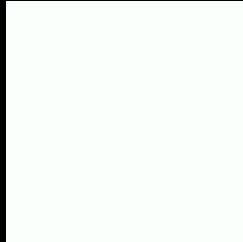
Large Text (above 18pt) WCAG AA × Fail

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 99.0575, 0.3120, 0.3319 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 99.0575, 0.3120, 0.3319

Background



This preview shows how black text looks on a background with the Yxy color 99.0575, 0.3120, 0.3319.



This preview shows how white text looks on a background with the Yxy color 99.0575, 0.3120, 0.3319.

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

99.0575, 0.3120, 0.3319

Protanopia

99.2355, 0.3139, 0.3300

Deuteranopia

99.2994, 0.3133, 0.3290

Tritanopia

99.1745, 0.3121, 0.3280

Trichromacy

Original Color

99.0575, 0.3120, 0.3319

Protanomaly

99.0463, 0.3133, 0.3300

Deuteranomaly

99.0463, 0.3133, 0.3300

Tritanomaly

98.9220, 0.3121, 0.3290

Monochromacy

Original Color

99.0575, 0.3120, 0.3319

Achromatopsia

98.2251, 0.3127, 0.3290

Achromatomaly

98.6709, 0.3121, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 99.0575, 0.3120, 0.3319 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, 252) looks like.

```
.text, #text, p{  
    color:rgb(251, 255, 252)  
}
```

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, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 252) }
```

Border

The CSS property to change the border of an element to Yxy 99.0575, 0.3120, 0.3319 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, 252) }
```

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

```
.border{ border-color:rgb(251, 255, 252) }
```

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, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 252);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
252) }
```

Background

The CSS property to change the background color of an element to Yxy 99.0575, 0.3120, 0.3319 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, 252) }
```

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

```
.background{ background-color: rgb(251,  
255, 252) }
```

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