

Converting Colors

$Y_{xy}(100.0000, 0.3116, 0.3322)$

Have a look what the booklet for
Yxy(100.0000, 0.3116, 0.3322)
contains.

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Color

Yxy(99.1211, 0.3114, 0.3309)

Conversions

Conversions Part 1

Format	Color
Hex	FBFFFD
RGB	251, 255, 253
RGB Percent	98%, 100%, 99%
CMY	0.0156, 0.0000, 0.0078
CMYK	0.02, 0.00, 0.01, 0.00
HSL	150°, 100%, 99%
HSV	150°, 2%, 100%
XYZ	93.2799, 99.1211, 107.1490
YIQ	253.5760, -1.7420, -1.4700

Conversions

Conversions Part 2

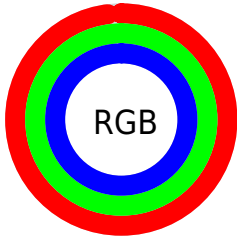
Format	Color
R _Y B	251, 254, 255
Decimal	16515069
CIE Lab	99.66, -1.65, 0.48
CIE LCh	100, 1.717, 163.780
Yxy	99.1211, 0.3114, 0.3309
Android (android.graphics.Color)	4294705149 (0xFFFBFFFD)
YUV	253.5760, -0.2840, -2.2592
Hunter-Lab	99.5596, -6.9881, 5.8820

Details

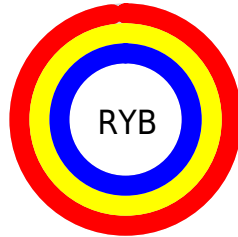
The Yxy color 99.1211, 0.3114, 0.3309 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.3618, 0.3141, 0.3271, and the grayscale version is 98.7444, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.9758, 0.3118, 0.3314 is the 20% darker color. If you saturate the color by 10%, you get 93.9163, 0.3030, 0.3440, and if you desaturate by 10%, it is 99.9994, 0.3127, 0.3290.

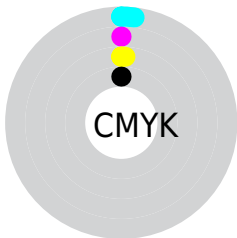
Distribution



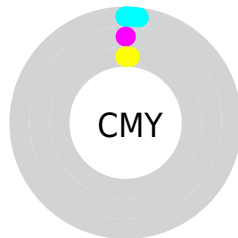
- Red (98%)
- Green (100%)
- Blue (99%)



- 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 99.1211, 0.3114, 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 99.1211, 0.3114, 0.3309 by changing the saturation by 10% instead.

99.1211, 0.3114,
0.3309

99.1211, 0.3114,
0.3309

557.2758, 0.3120,
0.3301

75.5697, 0.3113,
0.3311

159.9460, 0.3116,
0.3306

56.0797, 0.3111,
0.3313

197.9883, 0.3117,
0.3305

40.2668, 0.3109,
0.3316

241.6296, 0.3117,
0.3304

27.7466, 0.3107,
0.3319

291.2543, 0.3118,
0.3303

18.1348, 0.3104,
0.3323

347.2469, 0.3119,
0.3303

11.0468, 0.3100,
0.3329

409.9918, 0.3119,

6.0983, 0.3094,

0.3302

0.3338

479.8733, 0.3119,
0.3301

■ 2.9050, 0.3084,
0.3351

■ 1.0823, 0.3067,
0.3376

■ 99.1211, 0.3114,
0.3309

■ 99.1211, 0.3114,
0.3309

■ 93.9163, 0.3030,
0.3440

99.9994, 0.3127,
0.3290

■ 89.3733, 0.2949,
0.3585

■ 85.4682, 0.2874,
0.3746

■ 82.1709, 0.2806,
0.3921

■ 79.4488, 0.2751,
0.4108

■ 77.2660, 0.2711,
0.4303

■ 75.5824, 0.2689,
0.4503

■ 74.3522, 0.2687,
0.4701

■ 73.5203, 0.2706,
0.4892

Harmonies

Analogous

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

99.1211, 0.3133, 0.3320

99.1211, 0.3114, 0.3309

99.1211, 0.3099, 0.3293

Triad

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

99.1211, 0.3114, 0.3309

99.1211, 0.3104, 0.3258

99.1211, 0.3163, 0.3304

Complementary

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



99.1211, 0.3114, 0.3309



97.3618, 0.3141, 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.

99.1211, 0.3156, 0.3287

99.1211, 0.3114, 0.3309

99.1211, 0.3122, 0.3261

Square

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



99.1211, 0.3114, 0.3309



99.1211, 0.3093, 0.3264



99.1211, 0.3140, 0.3272



99.1211, 0.3161, 0.3316

Rectangle

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



99.1211, 0.3114, 0.3309



99.1211, 0.3093, 0.3282



99.1211, 0.3140, 0.3272



99.1211, 0.3162, 0.3298

Sweetspot

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



99.1253, 0.3114, 0.3309

100.0000, 0.3127, 0.3290



99.3832, 0.3138, 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.



99.1253, 0.3114, 0.3309



98.8820, 0.3110, 0.3314



99.2487, 0.3103, 0.3291



21.1765, 0.3111, 0.3313



38.2048, 0.2726, 0.5015



3.7419, 0.2668, 0.4806

Inverse Universe

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



97.3618, 0.3141, 0.3271



96.6263, 0.3144, 0.3266



97.2397, 0.3152, 0.3289



20.7173, 0.3144, 0.3267



11.9500, 0.4960, 0.2506



1.1856, 0.4706, 0.2366

Previews

White Background



This preview shows how the hex color #99f2ff, (0.3114, 0.3114, 0.3309) looks on a white background.

Color Contrast Check

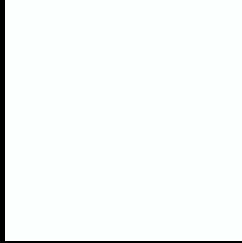
Large Text (above 18pt) WCAG AA × Fail

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 99.1211, 0.3114, 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 99.1211, 0.3114, 0.3309

Background



This preview shows how black text looks on a background with the Yxy color 99.1211, 0.3114, 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

99.1211, 0.3114, 0.3309

Protanopia

99.2355, 0.3139, 0.3300

Deuteranopia

99.2994, 0.3133, 0.3290

Tritanopia

99.1745, 0.3121, 0.3280

Trichromacy

Original Color

99.1211, 0.3114, 0.3309

Protanomaly

99.0463, 0.3133, 0.3300

Deuteranomaly

99.1102, 0.3127, 0.3290

Tritanomaly

98.9220, 0.3121, 0.3290

Monochromacy

Original Color

99.1211, 0.3114, 0.3309

Achromatopsia

99.1102, 0.3127, 0.3290

Achromatomaly

98.9220, 0.3121, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 99.1211, 0.3114, 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 is the color `rgb(251, 255, 253)`.

```
.text, #text, p{  
    color:rgb(251, 255, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 253) }
```

Border

The CSS property to change the border of an element to Yxy 99.1211, 0.3114, 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(251, 255, 253) }
```

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

```
.border{ border-color:rgb(251, 255, 253) }
```

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, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
253) }
```

Background

The CSS property to change the background color of an element to Yxy 99.1211, 0.3114, 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(251, 255, 253) }
```

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

```
.background{ background-color: rgb(251,  
255, 253) }
```

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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