

Converting Colors

$Yxy(96.3273, 0.3083, 0.3299)$

Have a look what the booklet for
Yxy(96.3273, 0.3083, 0.3299)
contains.

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Color

Yxy(96.6913, 0.3083, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	F5FDFC
RGB	245, 253, 252
RGB Percent	96%, 99%, 99%
CMY	0.0395, 0.0077, 0.0118
CMYK	0.03, 0.00, 0.00, 0.01
HSL	172°, 67%, 98%
HSV	172°, 3%, 99%
XYZ	90.3331, 96.6913, 105.9795
YIQ	250.4940, -4.4470, -2.0070

Conversions

Conversions Part 2

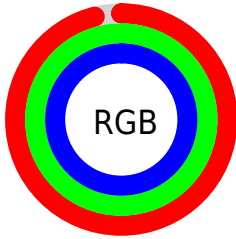
Format	Color
R_{YB}	245, 249, 253
Decimal	16121340
CIE _{Lab}	98.71, -2.83, -0.44
CIE _{LCh}	99, 2.863, 188.774
Yxy	96.6913, 0.3083, 0.3300
Android (android.graphics.Color)	4294311420 (0xFFFF5FDFC)
YUV	250.4940, 0.7425, -4.8182
Hunter-Lab	98.3317, -8.1003, 4.9309

Details

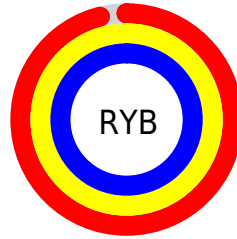
The Yxy color 96.6913, 0.3083, 0.3300 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.8083, 0.3173, 0.3280, and the grayscale version is 96.0191, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.2388, 0.3079, 0.3302 is the 20% darker color. If you saturate the color by 10%, you get 92.2472, 0.2948, 0.3334, and if you desaturate by 10%, it is 98.7469, 0.3128, 0.3271.

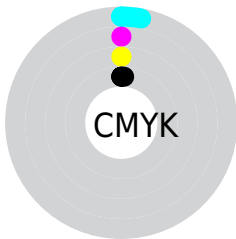
Distribution



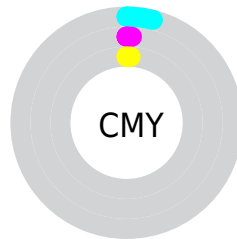
- Red (96%)
- Green (99%)
- Blue (99%)



- Red (96%)
- Yellow (98%)
- Blue (99%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)




- Cyan (4%)
- Magenta (1%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.6913, 0.3083, 0.3300 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 96.6913, 0.3083, 0.3300 by changing the saturation by 10% instead.

 96.6913, 0.3083,
0.3300

 96.6913, 0.3083,
0.3300


549.5654, 0.3102,
0.3296

 73.5434, 0.3079,
0.3301


156.5991, 0.3090,
0.3299

 54.4204, 0.3074,
0.3302


194.1279, 0.3092,
0.3298

 38.9379, 0.3067,
0.3303


237.2191, 0.3094,
0.3297

 26.7114, 0.3059,
0.3305

286.2572, 0.3096,
0.3297

 17.3566, 0.3049,
0.3307

341.6264, 0.3098,
0.3297

 10.4891, 0.3035,
0.3311

403.7113, 0.3100,

 5.7244, 0.3014,

0.3296

0.3315

472.8962, 0.3101,
0.3296

■ 2.6782, 0.2981,
0.3322

■ 0.9662, 0.2923,
0.3334

■ 96.6913, 0.3083,
0.3300

■ 96.6913, 0.3083,
0.3300

■ 92.2472, 0.2948,
0.3334

98.7469, 0.3128,
0.3271

■ 88.3996, 0.2822,
0.3370

■ 85.1259, 0.2706,
0.3409

■ 82.3972, 0.2603,
0.3451

■ 80.1822, 0.2517,
0.3495

■ 78.4463, 0.2449,
0.3540

■ 77.1505, 0.2401,
0.3586

■ 76.2501, 0.2372,
0.3632

■ 75.6902, 0.2362,
0.3677

Harmonies

Analogous

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



96.6913, 0.3110, 0.3326



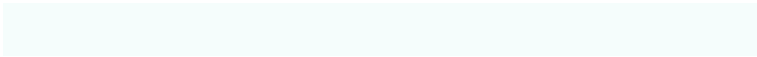
96.6913, 0.3083, 0.3300



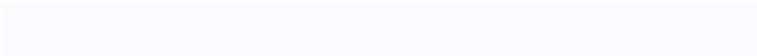
96.6913, 0.3068, 0.3272

Triad

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



96.6913, 0.3083, 0.3300



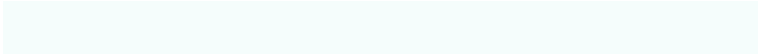
96.6913, 0.3113, 0.3239



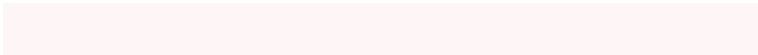
96.6913, 0.3186, 0.3331

Complementary

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



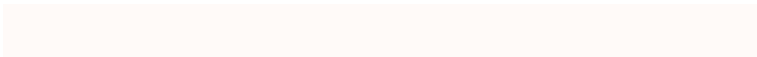
96.6913, 0.3083, 0.3300



92.8083, 0.3173, 0.3280

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.



96.6913, 0.3187, 0.3308



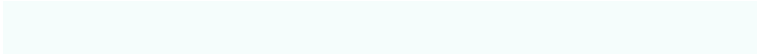
96.6913, 0.3083, 0.3300



96.6913, 0.3144, 0.3255

Square

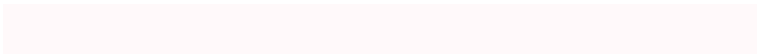
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



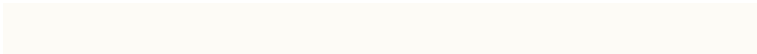
96.6913, 0.3083, 0.3300



96.6913, 0.3085, 0.3237



96.6913, 0.3172, 0.3280



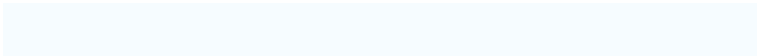
96.6913, 0.3170, 0.3344

Rectangle

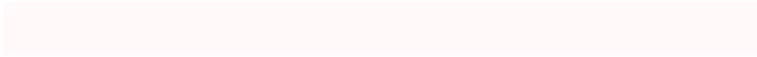
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



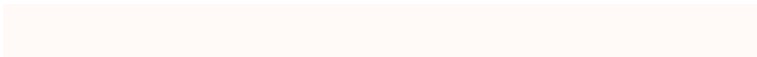
96.6913, 0.3083, 0.3300



96.6913, 0.3066, 0.3256



96.6913, 0.3172, 0.3280



96.6913, 0.3188, 0.3325

Sweetspot

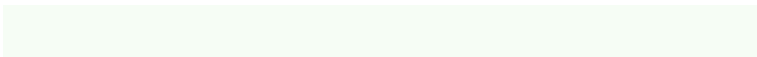
The Sweet Spot groups the original color and five complimentary colors.



96.6954, 0.3083, 0.3300



99.4983, 0.3113, 0.3293



96.4517, 0.3130, 0.3369



21.3020, 0.3114, 0.3293



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.



96.6954, 0.3083, 0.3300



98.0318, 0.3072, 0.3303



94.9039, 0.3078, 0.3261



20.9061, 0.3062, 0.3305



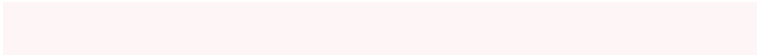
40.1428, 0.2361, 0.3700



3.9194, 0.2347, 0.3649

Inverse Universe

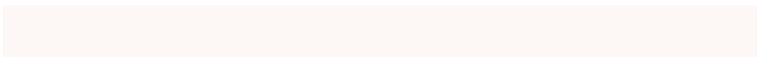
The Inverse Universe completely reimagines the original color for something new.



92.8083, 0.3173, 0.3280



93.1050, 0.3185, 0.3277



94.5523, 0.3178, 0.3319



19.6596, 0.3197, 0.3275



11.1779, 0.6239, 0.3210



1.0997, 0.5988, 0.3073

Previews

White Background



This preview shows how the Yxy color 96.6913, 0.3083, 0.3300 looks on a white background.

Color Contrast Check

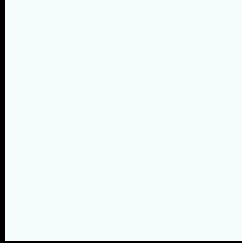
Large Text (above 18pt) WCAG AA × Fail

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 96.6913, 0.3083, 0.3300 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 96.6913, 0.3083, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 96.6913, 0.3083, 0.3300.



This preview shows how white text looks on a background with the Yxy color 96.6913, 0.3083, 0.3300.

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

96.6913, 0.3083, 0.3300

Protanopia

96.5333, 0.3159, 0.3290

Deuteranopia

96.6595, 0.3147, 0.3271

Tritanopia

96.7236, 0.3104, 0.3252

Trichromacy



Original Color

96.6913, 0.3083, 0.3300

Protanomaly

96.4686, 0.3127, 0.3290

Deuteranomaly

96.5319, 0.3121, 0.3280

Tritanomaly

96.9163, 0.3097, 0.3271

Monochromacy



Original Color

96.6913, 0.3083, 0.3300

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

95.9159, 0.3108, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.6913, 0.3083, 0.3300 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(245, 253, 252)` looks like.

```
.text, #text, p{  
    color:rgb(245, 253, 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(245, 253, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 253, 252) }
```

Border

The CSS property to change the border of an element to Yxy 96.6913, 0.3083, 0.3300 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(245, 253, 252) }
```

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

```
.border{ border-color:rgb(245, 253, 252) }
```

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

Here you see how a box with a 4 pixel rgb(245, 253, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 253, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 253, 252);  
box-shadow:4px 4px 4px 4px rgb(245, 253,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 96.6913, 0.3083, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 253, 252) }
```

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

```
.background{ background-color: rgb(245,  
253, 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](#).

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