

Converting Colors

$Yxy(96.6691, 0.3096, 0.3280)$

Have a look what the booklet for
Yxy(96.6691, 0.3096, 0.3280)
contains.

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Color

Yxy(96.6691, 0.3096, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	F8FCFD
RGB	248, 252, 253
RGB Percent	97%, 99%, 99%
CMY	0.0276, 0.0117, 0.0077
CMYK	0.02, 0.00, 0.00, 0.01
HSL	192°, 56%, 98%
HSV	192°, 2%, 99%
XYZ	91.2462, 96.6691, 106.8076
YIQ	250.9180, -2.7050, -0.5370

Conversions

Conversions Part 2

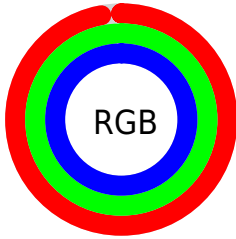
Format	Color
R_{YB}	248, 250, 253
Decimal	16317693
CIE Lab	98.70, -1.14, -0.97
CIE LCh	99, 1.496, 220.268
Yxy	96.6691, 0.3096, 0.3280
Android (android.graphics.Color)	4294507773 (0xFFF8FCFD)
YUV	250.9180, 1.0264, -2.5591
Hunter-Lab	98.3204, -6.4040, 4.4163

Details

The Yxy color 96.6691, 0.3096, 0.3280 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95.4091, 0.3159, 0.3300, and the grayscale version is 96.3911, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.2222, 0.3096, 0.3278 is the 20% darker color. If you saturate the color by 10%, you get 89.1922, 0.2941, 0.3227, and if you desaturate by 10%, it is 99.8742, 0.3138, 0.3309.

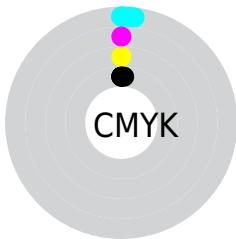
Distribution



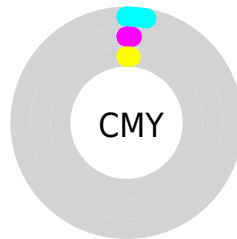
- Red (97%)
- Green (99%)
- Blue (99%)



- Red (97%)
- Yellow (98%)
- Blue (99%)



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 96.6691, 0.3096, 0.3280 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 96.6691, 0.3096, 0.3280 by changing the saturation by 10% instead.


 96.6691, 0.3096,
0.3280

 96.6691, 0.3096,
0.3280

549.4947, 0.3110,
0.3285

 73.5249, 0.3093,
0.3279


156.5685, 0.3101,
0.3282

 54.4053, 0.3089,
0.3278


194.0926, 0.3102,
0.3282

 38.9258, 0.3085,
0.3276


237.1787, 0.3104,
0.3283

 26.7020, 0.3079,
0.3274

286.2114, 0.3105,
0.3283

 17.3495, 0.3072,
0.3272

341.5749, 0.3107,
0.3284

 10.4840, 0.3062,
0.3269

403.6537, 0.3108,

 5.7210, 0.3047,

0.3284

0.3264

472.8322, 0.3109,
0.3284

■ 2.6762, 0.3024,
0.3256

■ 0.9651, 0.2983,
0.3242

■ 96.6691, 0.3096,
0.3280

■ 96.6691, 0.3096,
0.3280

■ 89.1922, 0.2941,
0.3227

99.8742, 0.3138,
0.3309

■ 82.3969, 0.2790,
0.3169

■ 76.2603, 0.2646,
0.3107

■ 70.7529, 0.2512,
0.3040

■ 65.8432, 0.2391,
0.2970

■ 61.4962, 0.2286,
0.2897

■ 57.6730, 0.2200,
0.2822

■ 54.3289, 0.2133,
0.2748

■ 51.4099, 0.2086,
0.2674

Harmonies

Analogous

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



96.6691, 0.3104, 0.3295



96.6691, 0.3096, 0.3280



96.6691, 0.3097, 0.3268

Triad

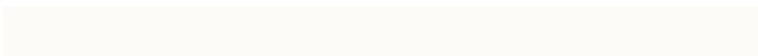
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.6691, 0.3096, 0.3280



96.6691, 0.3137, 0.3272



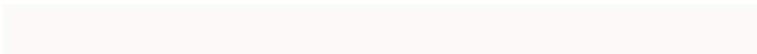
96.6691, 0.3149, 0.3318

Complementary

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



96.6691, 0.3096, 0.3280



95.4091, 0.3159, 0.3300

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.



96.6691, 0.3158, 0.3312



96.6691, 0.3096, 0.3280



96.6691, 0.3151, 0.3286

Square

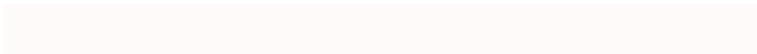
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



96.6691, 0.3096, 0.3280



96.6691, 0.3120, 0.3264



96.6691, 0.3159, 0.3300



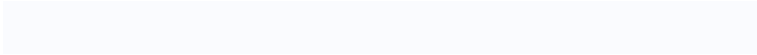
96.6691, 0.3134, 0.3317

Rectangle

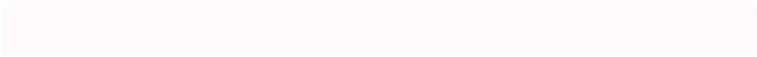
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



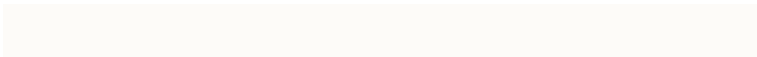
96.6691, 0.3096, 0.3280



96.6691, 0.3102, 0.3263



96.6691, 0.3159, 0.3300



96.6691, 0.3153, 0.3317

Sweetspot

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



96.6732, 0.3096, 0.3280



99.1916, 0.3112, 0.3285



97.0621, 0.3119, 0.3329



21.2396, 0.3112, 0.3285



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

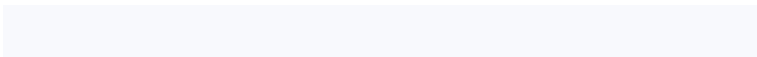
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.6732, 0.3096, 0.3280



98.3905, 0.3096, 0.3280



95.0968, 0.3097, 0.3256



21.0765, 0.3098, 0.3281



26.4395, 0.2063, 0.2627



2.7247, 0.2086, 0.2711

Inverse Universe

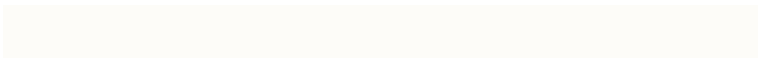
The Inverse Universe completely reimagines the original color for something new.



95.0319, 0.3135, 0.3251



96.7230, 0.3135, 0.3251



96.9814, 0.3158, 0.3324



20.7370, 0.3135, 0.3253



13.3971, 0.3798, 0.1866



1.3196, 0.3718, 0.1822

Previews

White Background



This preview shows how the Yxy color 96.6691, 0.3096, 0.3280 looks on a white background.

Color Contrast Check

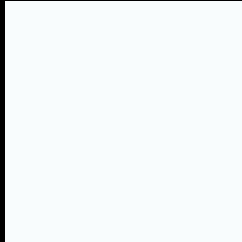
Large Text (above 18pt) WCAG AA × Fail

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 96.6691, 0.3096, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

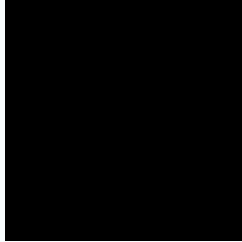
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.6691, 0.3096, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 96.6691, 0.3096, 0.3280.



This preview shows how white text looks on a background with the Yxy color 96.6691, 0.3096, 0.3280.

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

A vertical bar divided into three sections. The top section is light blue, the middle section is light pink, and the bottom section is light red. To the right of each section is text describing the color and its RGB values for different vision types.

Original Color

96.6691, 0.3096, 0.3280

Protanopia

96.6595, 0.3147, 0.3271

Deuteranopia

96.6595, 0.3147, 0.3271

Tritanopia

96.7236, 0.3104, 0.3252

Trichromacy

Original Color

96.6691, 0.3096, 0.3280

Protanomaly

96.7181, 0.3128, 0.3280

Deuteranomaly

96.7181, 0.3128, 0.3280

Tritanomaly

96.4741, 0.3103, 0.3261

Monochromacy

Original Color

96.6691, 0.3096, 0.3280

Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.3466, 0.3115, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.6691, 0.3096, 0.3280 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(248, 252, 253)` looks like.

```
.text, #text, p{  
    color:rgb(248, 252, 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(248, 252, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 252, 253) }
```

Border

The CSS property to change the border of an element to Yxy 96.6691, 0.3096, 0.3280 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(248, 252, 253) }
```

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

```
.border{ border-color:rgb(248, 252, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 252, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 252, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 252, 253);  
box-shadow:4px 4px 4px 4px rgb(248, 252,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 96.6691, 0.3096, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 252, 253) }
```

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

```
.background{ background-color: rgb(248,  
252, 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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