

Converting Colors

$Y_{xy}(96.2145, 0.3110, 0.3241)$

Have a look what the booklet for
Yxy(96.2145, 0.3110, 0.3241)
contains.

Yxy(96.2867, 0.3111, 0.3242)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(96.2867, 0.3111, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	FCFAFF
RGB	252, 250, 255
RGB Percent	99%, 98%, 100%
CMY	0.0115, 0.0197, 0.0000
CMYK	0.01, 0.02, 0.00, 0.00
HSL	265°, 100%, 99%
HSV	265°, 2%, 100%
XYZ	92.3960, 96.2867, 108.3151
YIQ	251.1680, -0.4130, 1.9790

Conversions

Conversions Part 2

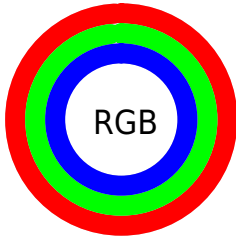
Format	Color
R _Y B	252, 250, 255
Decimal	16579327
CIE Lab	98.55, 1.57, -2.16
CIE LCh	99, 2.672, 306.111
Yxy	96.2867, 0.3111, 0.3242
Android (android.graphics.Color)	4294769407 (0xFFFCFAFF)
YUV	251.1680, 1.8892, 0.7297
Hunter-Lab	98.1258, -3.6431, 3.2414

Details

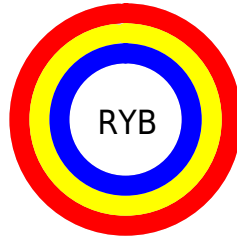
The Yxy color 96.2867, 0.3111, 0.3242 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99.2834, 0.3143, 0.3338, and the grayscale version is 96.6097, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.2629, 0.3106, 0.3241 is the 20% darker color. If you saturate the color by 10%, you get 78.8231, 0.3020, 0.2983, and if you desaturate by 10%, it is 99.9995, 0.3127, 0.3290.

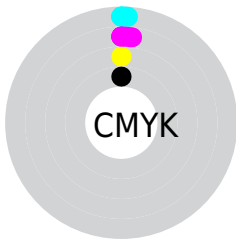
Distribution



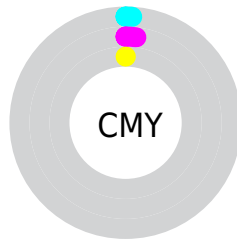
- Red (99%)
- Green (98%)
- Blue (100%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.2867, 0.3111, 0.3242 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 96.2867, 0.3111, 0.3242 by changing the saturation by 10% instead.

 96.2867, 0.3111,
0.3242

 96.2867, 0.3111,
0.3242

548.2761, 0.3118,
0.3263

 73.2064, 0.3109,
0.3237


156.0410, 0.3113,
0.3249

 54.1447, 0.3108,
0.3232


193.4838, 0.3114,
0.3252

 38.7174, 0.3105,
0.3225

236.4829, 0.3115,
0.3254

 26.5399, 0.3102,
0.3216

285.4226, 0.3116,
0.3257

 17.2280, 0.3098,
0.3205

340.6874, 0.3117,
0.3259

 10.3972, 0.3093,
0.3190

402.6616, 0.3117,

 5.6631, 0.3085,

0.3260

0.3167

471.7297, 0.3118,
0.3262

■ 2.6413, 0.3073,
0.3132

■ 0.9475, 0.3050,
0.3070

■ 96.2867, 0.3111,
0.3242

■ 96.2867, 0.3111,
0.3242

■ 78.8231, 0.3020,
0.2983

99.9995, 0.3127,
0.3290

■ 63.6261, 0.2915,
0.2701

■ 50.6036, 0.2795,
0.2401

■ 39.6524, 0.2660,
0.2090

■ 30.6604, 0.2515,
0.1780

■ 23.5050, 0.2363,
0.1488

■ 18.0488, 0.2211,
0.1229

■ 14.1344, 0.2067,
0.1020

■ 11.5728, 0.1939,
0.0871

Harmonies

Analogous

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



96.2867, 0.3086, 0.3241



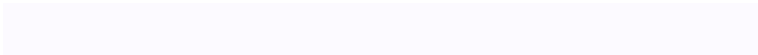
96.2867, 0.3111, 0.3242



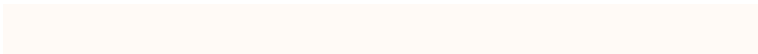
96.2867, 0.3141, 0.3256

Triad

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



96.2867, 0.3111, 0.3242



96.2867, 0.3183, 0.3327



96.2867, 0.3088, 0.3302

Complementary

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



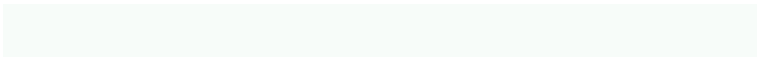
96.2867, 0.3111, 0.3242



99.2834, 0.3143, 0.3338

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.



96.2867, 0.3114, 0.3325



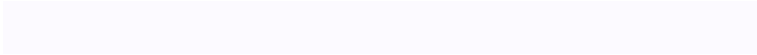
96.2867, 0.3111, 0.3242



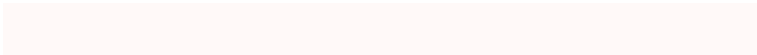
96.2867, 0.3169, 0.3340

Square

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



96.2867, 0.3111, 0.3242



96.2867, 0.3182, 0.3305



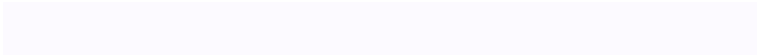
96.2867, 0.3143, 0.3339



96.2867, 0.3072, 0.3275

Rectangle

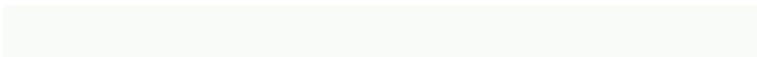
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



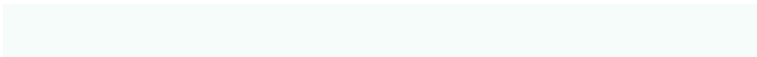
96.2867, 0.3111, 0.3242



96.2867, 0.3159, 0.3270



96.2867, 0.3143, 0.3339



96.2867, 0.3096, 0.3310

Sweetspot

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



96.2908, 0.3111, 0.3242



98.1019, 0.3119, 0.3266



97.7860, 0.3097, 0.3271



21.0178, 0.3119, 0.3267



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.



96.2908, 0.3111, 0.3242



96.2274, 0.3111, 0.3241



96.7472, 0.3126, 0.3242



20.6362, 0.3112, 0.3244



5.4492, 0.1867, 0.0802



0.5928, 0.1992, 0.0871

Inverse Universe

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



96.7090, 0.3142, 0.3262



96.6536, 0.3142, 0.3262



98.8308, 0.3128, 0.3338



20.7229, 0.3141, 0.3263



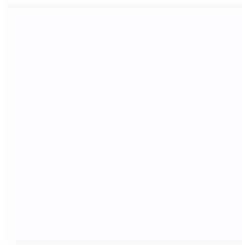
12.2768, 0.4605, 0.2311



1.2171, 0.4402, 0.2199

Previews

White Background



This preview shows how the Yxy color 96.2867, 0.3111, 0.3242 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 96.2867, 0.3111, 0.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

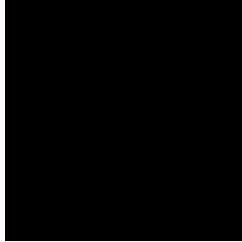
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.2867, 0.3111, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 96.2867, 0.3111, 0.3242.



This preview shows how white text looks on a background with the Yxy color 96.2867, 0.3111, 0.3242.

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

96.2867, 0.3111, 0.3242

Protanopia

96.0422, 0.3124, 0.3233

Deuteranopia

96.0396, 0.3148, 0.3261

Tritanopia

96.2867, 0.3111, 0.3242

Trichromacy

Original Color

96.2867, 0.3111, 0.3242

Protanomaly

95.8540, 0.3117, 0.3233

Deuteranomaly

95.9140, 0.3135, 0.3252

Tritanomaly

96.2867, 0.3111, 0.3242

Monochromacy

Original Color

96.2867, 0.3111, 0.3242

Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.5319, 0.3121, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.2867, 0.3111, 0.3242 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(252, 250, 255)` looks like.

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

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(252, 250, 255) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 96.2867, 0.3111, 0.3242 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(252, 250, 255) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to Yxy 96.2867, 0.3111, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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