

Converting Colors

Yxy(96.5456, 0.3164, 0.3396)

Have a look what the booklet for
Yxy(96.5456, 0.3164, 0.3396)
contains.

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Color

Yxy(96.8011, 0.3166, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	F9FDF2
RGB	249, 253, 242
RGB Percent	98%, 99%, 95%
CMY	0.0236, 0.0078, 0.0509
CMYK	0.02, 0.00, 0.04, 0.01
HSL	82°, 73%, 97%
HSV	82°, 4%, 99%
XYZ	90.2185, 96.8011, 97.9409
YIQ	250.5500, 1.1470, -4.2690

Conversions

Conversions Part 2

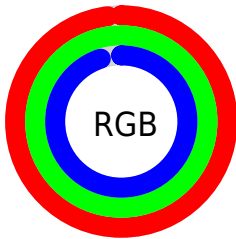
Format	Color
R _Y B	242, 253, 246
Decimal	16383474
CIE Lab	98.75, -3.23, 4.78
CIE LCh	99, 5.768, 123.998
Yxy	96.8011, 0.3166, 0.3397
Android (android.graphics.Color)	4294573554 (0xFFFF9FDF2)
YUV	250.5500, -4.2151, -1.3593
Hunter-Lab	98.3876, -8.4989, 9.8504

Details

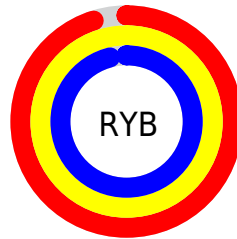
The Yxy color 96.8011, 0.3166, 0.3397 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.2000, 0.3087, 0.3182, and the grayscale version is 96.1142, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.3625, 0.3177, 0.3414 is the 20% darker color. If you saturate the color by 10%, you get 93.7335, 0.3256, 0.3657, and if you desaturate by 10%, it is 98.7351, 0.3128, 0.3271.

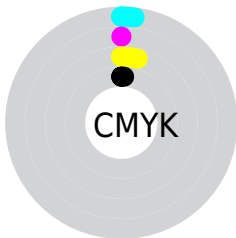
Distribution



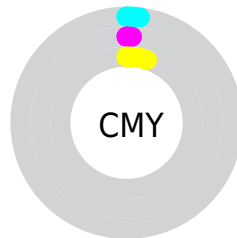
- Red (98%)
- Green (99%)
- Blue (95%)



- Red (95%)
- Yellow (99%)
- Blue (96%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)





- Cyan (2%)
- Magenta (1%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 96.8011, 0.3166, 0.3397 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 96.8011, 0.3166, 0.3397 by changing the saturation by 10% instead.

 96.8011, 0.3166,
0.3397

 96.8011, 0.3166,
0.3397

549.9151, 0.3149,
0.3350

 73.6349, 0.3170,
0.3407

156.7506, 0.3160,
0.3381

 54.4953, 0.3174,
0.3420


194.3026, 0.3158,
0.3375

 38.9978, 0.3179,
0.3435


237.4188, 0.3156,
0.3369

 26.7580, 0.3186,
0.3455


286.4835, 0.3154,
0.3364

 17.3916, 0.3195,
0.3481

341.8811, 0.3153,
0.3360

 10.5141, 0.3207,
0.3517

403.9959, 0.3151,

 5.7411, 0.3224,

0.3356

0.3569

473.2125, 0.3150,
0.3353

■ 2.6883, 0.3251,
0.3651

■ 0.9713, 0.3323,
0.3834

■ 96.8011, 0.3166,
0.3397

■ 96.8011, 0.3166,
0.3397

■ 93.7335, 0.3256,
0.3657

98.7351, 0.3128,
0.3271

■ 90.9457, 0.3345,
0.3931

■ 88.4314, 0.3429,
0.4216

■ 86.1795, 0.3504,
0.4500

■ 84.1780, 0.3564,
0.4774

■ 82.4137, 0.3604,
0.5024

■ 80.8719, 0.3621,
0.5236

■ 79.5357, 0.3613,
0.5401

■ 78.3847, 0.3581,
0.5513

Harmonies

Analogous

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



96.8011, 0.3220, 0.3396



96.8011, 0.3166, 0.3397



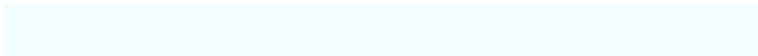
96.8011, 0.3102, 0.3369

Triad

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



96.8011, 0.3166, 0.3397



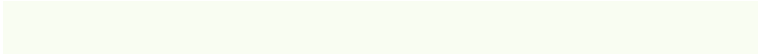
96.8011, 0.3007, 0.3213



96.8011, 0.3209, 0.3261

Complementary

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



96.8011, 0.3166, 0.3397



90.2000, 0.3087, 0.3182

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.



96.8011, 0.3151, 0.3214



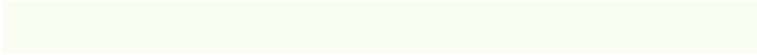
96.8011, 0.3166, 0.3397



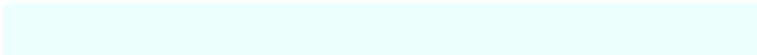
96.8011, 0.3035, 0.3185

Square

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



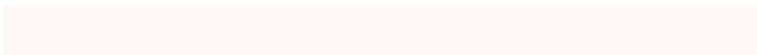
96.8011, 0.3166, 0.3397



96.8011, 0.3011, 0.3261



96.8011, 0.3088, 0.3186



96.8011, 0.3245, 0.3317

Rectangle

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



96.8011, 0.3166, 0.3397



96.8011, 0.3063, 0.3337



96.8011, 0.3088, 0.3186



96.8011, 0.3192, 0.3244

Sweetspot

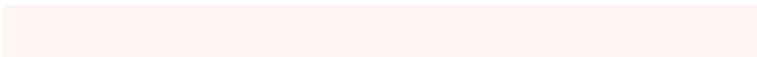
The Sweet Spot groups the original color and five complimentary colors.



96.8053, 0.3166, 0.3397



99.6608, 0.3136, 0.3314



93.1215, 0.3196, 0.3328



21.3351, 0.3136, 0.3313



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.



96.8053, 0.3166, 0.3397



98.3341, 0.3172, 0.3414



95.8389, 0.3132, 0.3398



20.9987, 0.3178, 0.3431



41.4694, 0.3565, 0.5551



4.0996, 0.3637, 0.5494

Inverse Universe

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



90.2000, 0.3087, 0.3182



90.6296, 0.3081, 0.3166



91.1787, 0.3121, 0.3184



19.1268, 0.3074, 0.3148



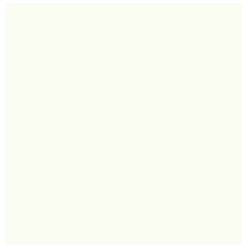
5.0667, 0.1788, 0.0759



0.5526, 0.1912, 0.0827

Previews

White Background



This preview shows how the Yxy color 96.8011, 0.3166, 0.3397 looks on a white background.

Color Contrast Check

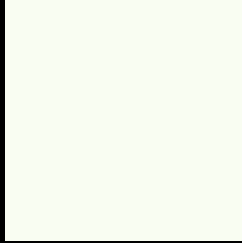
Large Text (above 18pt) WCAG AA × Fail

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 96.8011, 0.3166, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

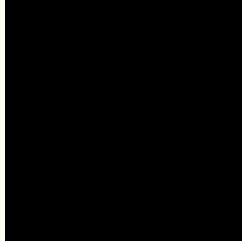
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

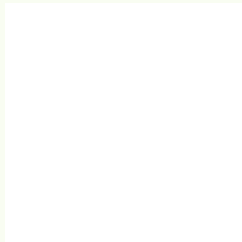
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.8011, 0.3166, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 96.8011, 0.3166, 0.3397.

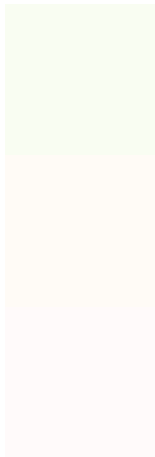


This preview shows how white text looks on a background with the Yxy color 96.8011, 0.3166, 0.3397.

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

96.8011, 0.3166, 0.3397

Protanopia

96.9082, 0.3182, 0.3338

Deuteranopia

96.5333, 0.3159, 0.3290

Tritanopia

96.9098, 0.3110, 0.3252

Trichromacy

Original Color

96.8011, 0.3166, 0.3397

Protanomaly

97.0960, 0.3174, 0.3358

Deuteranomaly

96.5924, 0.3163, 0.3329

Tritanomaly

97.0322, 0.3133, 0.3309

Monochromacy

Original Color

96.8011, 0.3166, 0.3397

Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.7221, 0.3138, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.8011, 0.3166, 0.3397 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(249, 253, 242)` looks like.

```
.text, #text, p{  
    color:rgb(249, 253, 242)  
}
```

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(249, 253, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 253, 242) }
```

Border

The CSS property to change the border of an element to Yxy 96.8011, 0.3166, 0.3397 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(249, 253, 242) }
```

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

```
.border{ border-color:rgb(249, 253, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 253, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 253, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 253, 242);  
box-shadow:4px 4px 4px 4px rgb(249, 253,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 96.8011, 0.3166, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 253, 242) }
```

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

```
.background{ background-color: rgb(249,  
253, 242) }
```

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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