

Converting Colors

Yxy(96.4696, 0.3235, 0.3522)

Have a look what the booklet for
Yxy(96.4696, 0.3235, 0.3522)
contains.

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Color

Yxy(96.7365, 0.3236, 0.3526)

Conversions

Conversions Part 1

Format	Color
Hex	F9FEE6
RGB	249, 254, 230
RGB Percent	98%, 100%, 90%
CMY	0.0236, 0.0039, 0.0981
CMYK	0.02, 0.00, 0.09, 0.00
HSL	73°, 92%, 95%
HSV	73°, 9%, 100%
XYZ	88.7803, 96.7365, 88.8352
YIQ	249.7690, 4.7240, -8.5240

Conversions

Conversions Part 2

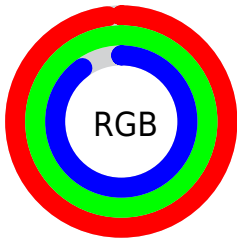
Format	Color
R _Y B	230, 254, 235
Decimal	16383718
CIE Lab	98.72, -5.74, 10.92
CIE LCh	99, 12.334, 117.736
Yxy	96.7365, 0.3236, 0.3526
Android (android.graphics.Color)	4294573798 (0xFFFF9FEE6)
YUV	249.7690, -9.7461, -0.6744
Hunter-Lab	98.3547, -10.9970, 15.2969

Details

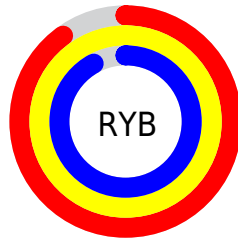
The Yxy color 96.7365, 0.3236, 0.3526 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 81.4019, 0.3012, 0.3048, and the grayscale version is 95.4744, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.3260, 0.3266, 0.3578 is the 20% darker color. If you saturate the color by 10%, you get 94.4502, 0.3352, 0.3788, and if you desaturate by 10%, it is 99.2427, 0.3123, 0.3281.

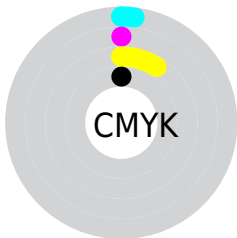
Distribution



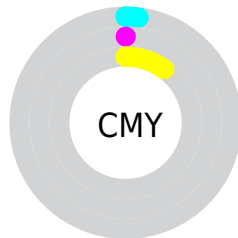
- Red (98%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (92%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)




- Cyan (2%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.7365, 0.3236, 0.3526 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 96.7365, 0.3236, 0.3526 by changing the saturation by 10% instead.


 96.7365, 0.3236,
0.3526

 96.7365, 0.3236,
0.3526

549.7094, 0.3189,
0.3421

 73.5811, 0.3246,
0.3549

156.6615, 0.3220,
0.3490

 54.4513, 0.3258,
0.3577


194.1998, 0.3214,
0.3476

 38.9626, 0.3273,
0.3612


237.3013, 0.3208,
0.3464

 26.7306, 0.3292,
0.3656

286.3503, 0.3203,
0.3453

 17.3710, 0.3317,
0.3714

341.7313, 0.3199,
0.3444

 10.4994, 0.3349,
0.3794

403.8285, 0.3195,

 5.7313, 0.3395,

0.3436

0.3911

473.0264, 0.3192,
0.3428

■ 2.6824, 0.3463,
0.4098

■ 0.9683, 0.3823,
0.4759

■ 96.7365, 0.3236,
0.3526

■ 96.7365, 0.3236,
0.3526

■ 94.4502, 0.3352,
0.3788

99.2427, 0.3123,
0.3281

■ 92.3863, 0.3467,
0.4056

99.3747, 0.3128,
0.3281

■ 90.5392, 0.3575,
0.4324

■ 88.8981, 0.3671,
0.4580

■ 87.4515, 0.3749,
0.4814

■ 86.1865, 0.3805,
0.5013

■ 85.0881, 0.3835,
0.5170

■ 84.1390, 0.3839,
0.5280

■ 83.3121, 0.3821,
0.5346

Harmonies

Analogous

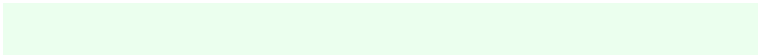
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.7365, 0.3344, 0.3508



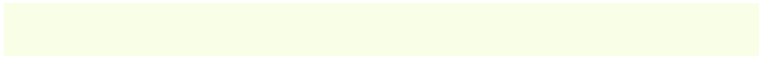
96.7365, 0.3236, 0.3526



96.7365, 0.3101, 0.3478

Triad

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



96.7365, 0.3236, 0.3526



96.7365, 0.2868, 0.3141



96.7365, 0.3280, 0.3205

Complementary

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



96.7365, 0.3236, 0.3526



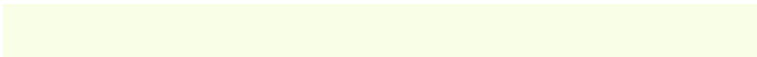
81.4019, 0.3012, 0.3048

Split Complementary

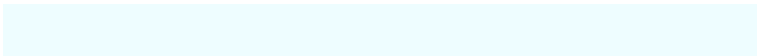
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.7365, 0.3149, 0.3112



96.7365, 0.3236, 0.3526



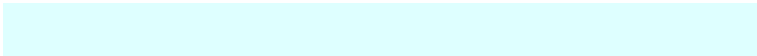
96.7365, 0.2913, 0.3074

Square

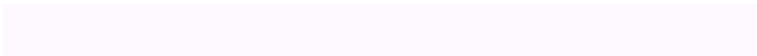
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



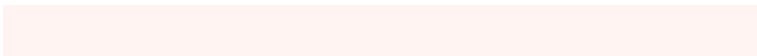
96.7365, 0.3236, 0.3526



96.7365, 0.2890, 0.3252



96.7365, 0.3015, 0.3064



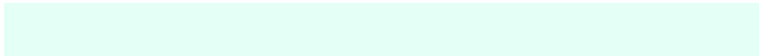
96.7365, 0.3370, 0.3321

Rectangle

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



96.7365, 0.3236, 0.3526



96.7365, 0.3014, 0.3414



96.7365, 0.3015, 0.3064



96.7365, 0.3239, 0.3170

Sweetspot

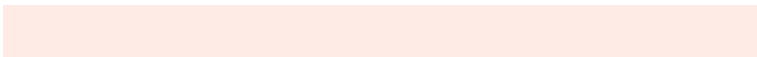
The Sweet Spot groups the original color and five complimentary colors.



96.7407, 0.3236, 0.3526



99.2137, 0.3161, 0.3363



86.0782, 0.3289, 0.3338



21.1916, 0.3171, 0.3383



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

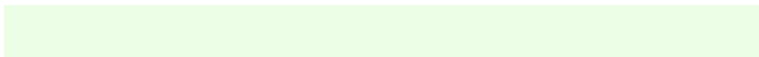
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.7407, 0.3236, 0.3526



97.2235, 0.3254, 0.3566



94.6432, 0.3161, 0.3531



20.8870, 0.3236, 0.3527



43.9598, 0.3826, 0.5344



4.3261, 0.3870, 0.5310

Inverse Universe

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



81.4019, 0.3012, 0.3048



79.4273, 0.2992, 0.3006



83.4747, 0.3090, 0.3053



17.5614, 0.3011, 0.3046



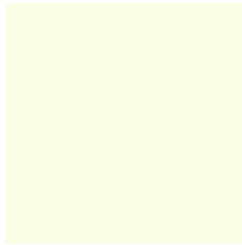
4.2267, 0.1605, 0.0658



0.4558, 0.1706, 0.0713

Previews

White Background



This preview shows how the Yxy color 96.7365, 0.3236, 0.3526 looks on a white background.

Color Contrast Check

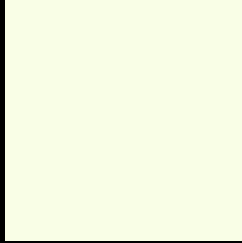
Large Text (above 18pt) WCAG AA × Fail

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 96.7365, 0.3236, 0.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

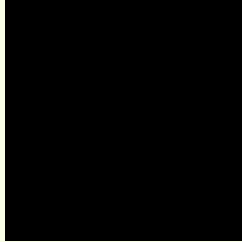
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

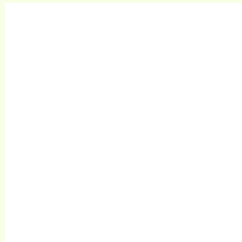
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.7365, 0.3236, 0.3526

Background



This preview shows how black text looks on a background with the Yxy color 96.7365, 0.3236, 0.3526.

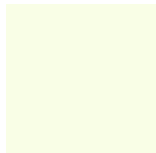


This preview shows how white text looks on a background with the Yxy color 96.7365, 0.3236, 0.3526.

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

96.7365, 0.3236, 0.3526



Protanopia

96.7254, 0.3200, 0.3367

Deuteranopia

96.4708, 0.3165, 0.3300

Tritanopia

96.9098, 0.3110, 0.3252

Trichromacy

A vertical color bar on the left side of the Trichromacy section, showing a gradient from light yellow at the top to light green at the bottom.

Original Color

96.7365, 0.3236, 0.3526

Protanomaly

96.6765, 0.3216, 0.3426

Deuteranomaly

96.2878, 0.3193, 0.3377

Tritanomaly

96.7839, 0.3156, 0.3348

Monochromacy

A vertical color bar on the left side of the Monochromacy section, showing a gradient from light yellow at the top to light green at the bottom.

Original Color

96.7365, 0.3236, 0.3526

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

95.7894, 0.3168, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.7365, 0.3236, 0.3526 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, 254, 230)` looks like.

```
.text, #text, p{  
    color:rgb(249, 254, 230)  
}
```

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, 254, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 254, 230) }
```

Border

The CSS property to change the border of an element to Yxy 96.7365, 0.3236, 0.3526 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, 254, 230) }
```

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

```
.border{ border-color:rgb(249, 254, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 254, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 254, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 254, 230);  
box-shadow:4px 4px 4px 4px rgb(249, 254,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 96.7365, 0.3236, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 254, 230) }
```

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

```
.background{ background-color: rgb(249,  
254, 230) }
```

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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