

Converting Colors

$Yxy(96.9451, 0.3225, 0.3543)$

Have a look what the booklet for
Yxy(96.9451, 0.3225, 0.3543)
contains.

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Color

Yxy(96.9513, 0.3228, 0.3546)

Conversions

Conversions Part 1

Format	Color
Hex	F7FFE5
RGB	247, 255, 229
RGB Percent	97%, 100%, 90%
CMY	0.0315, 0.0000, 0.1019
CMYK	0.03, 0.00, 0.10, 0.00
HSL	79°, 100%, 95%
HSV	79°, 10%, 100%
XYZ	88.2569, 96.9513, 88.2022
YIQ	249.6440, 3.5780, -9.7820

Conversions

Conversions Part 2

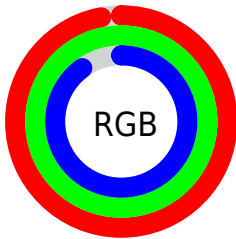
Format	Color
R_{YB}	229, 255, 237
Decimal	16252901
CIE _{Lab}	98.81, -7.07, 11.51
CIE _{LCh}	99, 13.505, 121.559
Yxy	96.9513, 0.3228, 0.3546
Android (android.graphics.Color)	4294442981 (0xFFFF7FFE5)
YUV	249.6440, -10.1775, -2.3188
Hunter-Lab	98.4639, -12.3155, 15.8138

Details

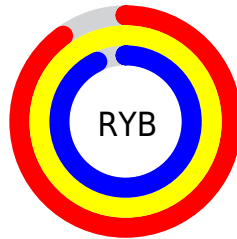
The Yxy color 96.9513, 0.3228, 0.3546 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 81.2795, 0.3019, 0.3029, and the grayscale version is 95.3681, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.5205, 0.3249, 0.3591 is the 20% darker color. If you saturate the color by 10%, you get 94.2262, 0.3327, 0.3813, and if you desaturate by 10%, it is 99.9408, 0.3129, 0.3295.

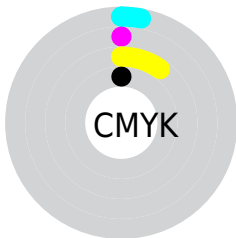
Distribution



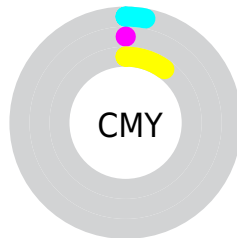
- Red (97%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (93%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.9513, 0.3228, 0.3546 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 96.9513, 0.3228, 0.3546 by changing the saturation by 10% instead.

 96.9513, 0.3228,
0.3546

 96.9513, 0.3228,
0.3546

550.3932, 0.3184,
0.3432

 73.7601, 0.3237,
0.3571


156.9577, 0.3213,
0.3507

 54.5977, 0.3248,
0.3601


194.5416, 0.3208,
0.3492

 39.0797, 0.3262,
0.3639


237.6920, 0.3203,
0.3479

 26.8218, 0.3279,
0.3687

286.7931, 0.3198,
0.3467

 17.4394, 0.3301,
0.3751

342.2294, 0.3194,
0.3457

 10.5483, 0.3331,
0.3838

404.3852, 0.3191,

 5.7640, 0.3371,

0.3448

0.3967

473.6450, 0.3187,
0.3440

■ 2.7021, 0.3430,
0.4171

■ 0.9783, 0.3791,
0.4916

■ 96.9513, 0.3228,
0.3546

■ 96.9513, 0.3228,
0.3546

■ 94.2262, 0.3327,
0.3813

99.9408, 0.3129,
0.3295

■ 91.7636, 0.3424,
0.4090

100.0000, 0.3127,
0.3290

■ 89.5503, 0.3513,
0.4369

■ 87.5750, 0.3590,
0.4640

■ 85.8253, 0.3649,
0.4890

■ 84.2875, 0.3686,
0.5108

■ 82.9459, 0.3697,
0.5282

■ 81.7820, 0.3683,
0.5407

■ 80.7838, 0.3648,
0.5485

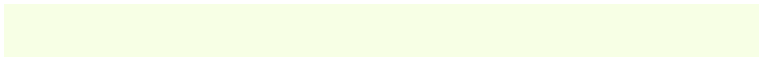
Harmonies

Analogous

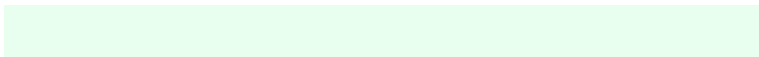
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.9513, 0.3352, 0.3534



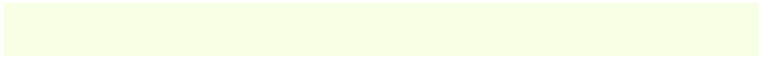
96.9513, 0.3228, 0.3546



96.9513, 0.3079, 0.3485

Triad

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



96.9513, 0.3228, 0.3546



96.9513, 0.2846, 0.3115



96.9513, 0.3310, 0.3212

Complementary

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



96.9513, 0.3228, 0.3546



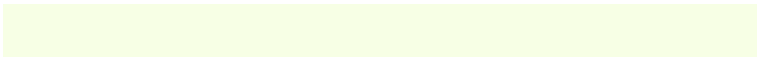
81.2795, 0.3019, 0.3029

Split Complementary

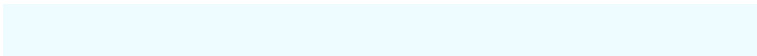
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.9513, 0.3170, 0.3107



96.9513, 0.3228, 0.3546



96.9513, 0.2904, 0.3049

Square

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



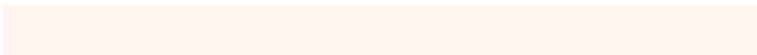
96.9513, 0.3228, 0.3546



96.9513, 0.2861, 0.3231



96.9513, 0.3022, 0.3047



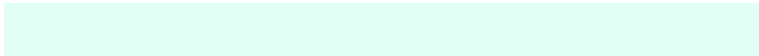
96.9513, 0.3401, 0.3339

Rectangle

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



96.9513, 0.3228, 0.3546



96.9513, 0.2986, 0.3411



96.9513, 0.3022, 0.3047



96.9513, 0.3267, 0.3173

Sweetspot

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



96.9487, 0.3228, 0.3546



99.0719, 0.3157, 0.3363



87.3780, 0.3299, 0.3367



21.1533, 0.3165, 0.3383



0.0000, 0.0000, 0.0000



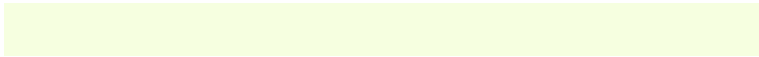
21.4041, 0.3127, 0.3290

Same Dimension

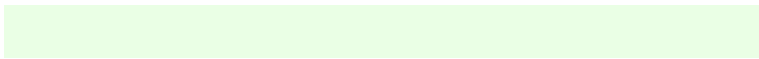
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.9487, 0.3228, 0.3546



96.4359, 0.3246, 0.3593



94.7068, 0.3147, 0.3552



20.7930, 0.3221, 0.3528



42.2938, 0.3657, 0.5478



4.1757, 0.3720, 0.5429

Inverse Universe

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



81.2795, 0.3019, 0.3029



78.2128, 0.2998, 0.2980



83.5562, 0.3104, 0.3036



17.6496, 0.3027, 0.3048



4.7034, 0.1711, 0.0716



0.5127, 0.1829, 0.0781

Previews

White Background



This preview shows how the Yxy color 96.9513, 0.3228, 0.3546 looks on a white background.

Color Contrast Check

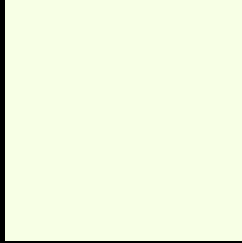
Large Text (above 18pt) WCAG AA × Fail

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 96.9513, 0.3228, 0.3546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

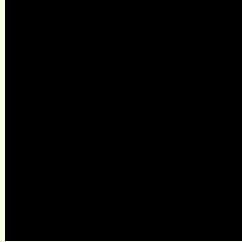
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

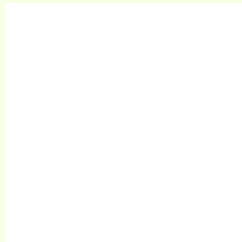
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.9513, 0.3228, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 96.9513, 0.3228, 0.3546.



This preview shows how white text looks on a background with the Yxy color 96.9513, 0.3228, 0.3546.

Color Blindness Simulation

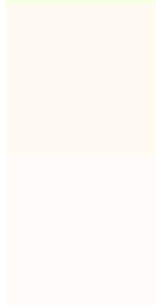
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

96.9513, 0.3228, 0.3546



Protanopia

96.7254, 0.3200, 0.3367

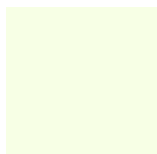
Deuteranopia

97.0939, 0.3164, 0.3309

Tritanopia

96.9098, 0.3110, 0.3252

Trichromacy



Original Color

96.9513, 0.3228, 0.3546

Protanomaly

96.4893, 0.3209, 0.3426

Deuteranomaly

96.7271, 0.3186, 0.3387

Tritanomaly

96.5986, 0.3150, 0.3348

Monochromacy



Original Color

96.9513, 0.3228, 0.3546

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

96.1713, 0.3167, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.9513, 0.3228, 0.3546 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(247, 255, 229)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 229)  
}
```

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(247, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 229) }
```

Border

The CSS property to change the border of an element to Yxy 96.9513, 0.3228, 0.3546 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(247, 255, 229) }
```

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

```
.border{ border-color:rgb(247, 255, 229) }
```

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

Here you see how a box with a 4 pixel rgb(247, 255, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 96.9513, 0.3228, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 229) }
```

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

```
.background{ background-color: rgb(247,  
255, 229) }
```

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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