

Converting Colors

$Y_{xy}(100.0000, 0.3127, 0.3431)$

Have a look what the booklet for
Yxy(100.0000, 0.3127, 0.3431)
contains.

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Color

Yxy(97.4641, 0.3128, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	F5FFF4
RGB	245, 255, 244
RGB Percent	96%, 100%, 96%
CMY	0.0393, 0.0000, 0.0430
CMYK	0.04, 0.00, 0.04, 0.00
HSL	115°, 100%, 98%
HSV	115°, 4%, 100%
XYZ	89.7462, 97.4641, 99.7020
YIQ	250.7560, -2.4290, -5.5410

Conversions

Conversions Part 2

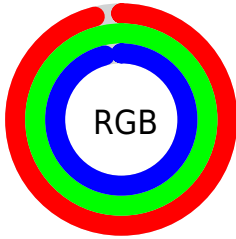
Format	Color
R_{YB}	244, 255, 254
Decimal	16121844
CIE Lab	99.01, -5.21, 4.08
CIE LCh	99, 6.619, 141.925
Yxy	97.4641, 0.3128, 0.3397
Android (android.graphics.Color)	4294311924 (0xFFFF5FFF4)
YUV	250.7560, -3.3307, -5.0480
Hunter-Lab	98.7239, -10.4993, 9.2293

Details

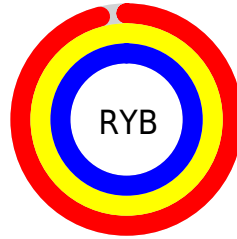
The Yxy color 97.4641, 0.3128, 0.3397 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.0278, 0.3126, 0.3185, and the grayscale version is 96.2857, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.8378, 0.3129, 0.3414 is the 20% darker color. If you saturate the color by 10%, you get 92.0901, 0.3129, 0.3670, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

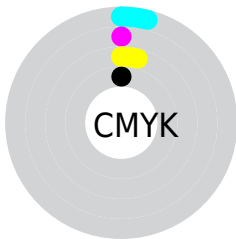
Distribution



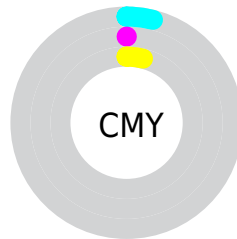
- Red (96%)
- Green (100%)
- Blue (96%)



- Red (96%)
- Yellow (100%)
- Blue (100%)



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





- Cyan (4%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.4641, 0.3128, 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 97.4641, 0.3128, 0.3397 by changing the saturation by 10% instead.

 97.4641, 0.3128,
0.3397

 97.4641, 0.3128,
0.3397


552.0238, 0.3128,
0.3350

 74.1875, 0.3128,
0.3407

157.6645, 0.3128,
0.3381

 54.9475, 0.3128,
0.3420


195.3571, 0.3128,
0.3375

 39.3597, 0.3128,
0.3435

238.6239, 0.3128,
0.3369

 27.0397, 0.3128,
0.3455

287.8492, 0.3128,
0.3364

 17.6030, 0.3128,
0.3481

343.4175, 0.3128,
0.3360

 10.6654, 0.3127,
0.3517

405.7131, 0.3128,

 5.8423, 0.3126,

0.3356

0.3569

475.1204, 0.3128,
0.3353

■ 2.7494, 0.3124,
0.3652

■ 1.0024, 0.3129,
0.3820

■ 97.4641, 0.3128,
0.3397

■ 97.4641, 0.3128,
0.3397

■ 92.0901, 0.3129,
0.3670

100.0000, 0.3127,
0.3290

■ 87.4298, 0.3127,
0.3975

■ 83.4533, 0.3123,
0.4309

■ 80.1282, 0.3115,
0.4660

■ 77.4197, 0.3103,
0.5013

■ 75.2898, 0.3086,
0.5342

■ 73.6960, 0.3067,
0.5622

■ 72.5902, 0.3045,
0.5829

■ 71.9152, 0.3024,
0.5951

Harmonies

Analogous

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



97.4641, 0.3199, 0.3416



97.4641, 0.3128, 0.3397



97.4641, 0.3058, 0.3348

Triad

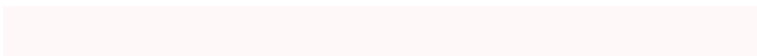
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



97.4641, 0.3128, 0.3397



97.4641, 0.3005, 0.3179



97.4641, 0.3250, 0.3295

Complementary

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



97.4641, 0.3128, 0.3397



93.0278, 0.3126, 0.3185

Split Complementary

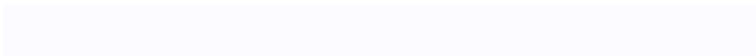
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.4641, 0.3197, 0.3233



97.4641, 0.3128, 0.3397



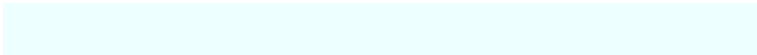
97.4641, 0.3055, 0.3167

Square

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



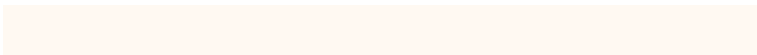
97.4641, 0.3128, 0.3397



97.4641, 0.2987, 0.3222



97.4641, 0.3125, 0.3187



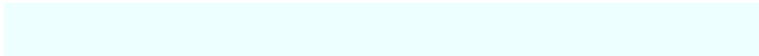
97.4641, 0.3270, 0.3356

Rectangle

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



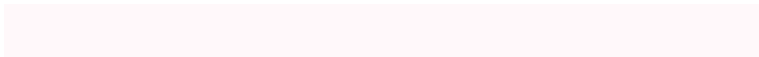
97.4641, 0.3128, 0.3397



97.4641, 0.3020, 0.3306



97.4641, 0.3125, 0.3187



97.4641, 0.3235, 0.3274

Sweetspot

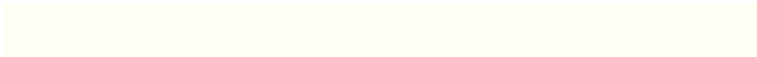
The Sweet Spot groups the original color and five complimentary colors.



97.4642, 0.3128, 0.3397



99.3976, 0.3127, 0.3314



98.6170, 0.3191, 0.3385



21.2815, 0.3127, 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.



97.4642, 0.3128, 0.3397



97.0627, 0.3128, 0.3415



97.5643, 0.3097, 0.3354



20.6902, 0.3128, 0.3433



37.4852, 0.3019, 0.5985



3.6741, 0.3059, 0.5953

Inverse Universe

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



93.0278, 0.3126, 0.3185



91.9254, 0.3126, 0.3168



92.9274, 0.3158, 0.3227



19.4421, 0.3126, 0.3150



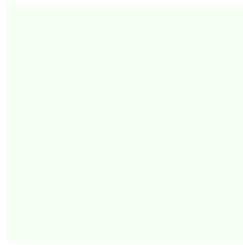
12.8596, 0.2993, 0.1422



1.2745, 0.3019, 0.1437

Previews

White Background



This preview shows how the Yxy color 97.4641, 0.3128, 0.3397 looks on a white background.

Color Contrast Check

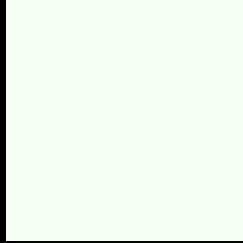
Large Text (above 18pt) WCAG AA × Fail

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 97.4641, 0.3128, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

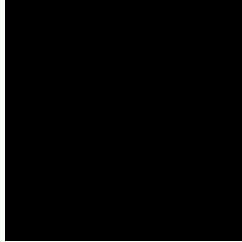
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.4641, 0.3128, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 97.4641, 0.3128, 0.3397.

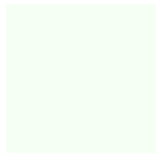


This preview shows how white text looks on a background with the Yxy color 97.4641, 0.3128, 0.3397.

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

97.4641, 0.3128, 0.3397



Protanopia

97.6581, 0.3169, 0.3328

Deuteranopia

97.2194, 0.3152, 0.3290

Tritanopia

97.5363, 0.3110, 0.3261

Trichromacy



Original Color

97.4641, 0.3128, 0.3397

Protanomaly

97.4752, 0.3149, 0.3348

Deuteranomaly

96.9073, 0.3144, 0.3329

Tritanomaly

97.3553, 0.3114, 0.3309

Monochromacy



Original Color

97.4641, 0.3128, 0.3397



Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.5379, 0.3132, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.4641, 0.3128, 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(245, 255, 244)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 244)  
}
```

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(245, 255, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 244) }
```

Border

The CSS property to change the border of an element to Yxy 97.4641, 0.3128, 0.3397 is called "border". The border property can be set on classes, ids or directly on the HTML element.

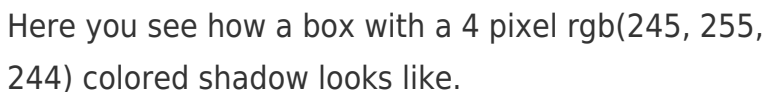
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 255, 244) }
```

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

```
.border{ border-color:rgb(245, 255, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(245, 255, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 255, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 255, 244); box-shadow:4px 4px 4px 4px rgb(245, 255, 244) }
```


Background

The CSS property to change the background color of an element to Yxy 97.4641, 0.3128, 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(245, 255, 244) }
```

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

```
.background{ background-color: rgb(245,  
255, 244) }
```

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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