

Converting Colors

$Y_{xy}(100.0000, 0.3117, 0.3426)$

Have a look what the booklet for
Yxy(100.0000, 0.3117, 0.3426)
contains.

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Color

Yxy(97.3457, 0.3116, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	F4FFF5
RGB	244, 255, 245
RGB Percent	96%, 100%, 96%
CMY	0.0434, 0.0000, 0.0392
CMYK	0.04, 0.00, 0.04, 0.00
HSL	126°, 100%, 98%
HSV	126°, 4%, 100%
XYZ	89.5305, 97.3457, 100.4488
YIQ	250.5710, -3.3460, -5.4420

Conversions

Conversions Part 2

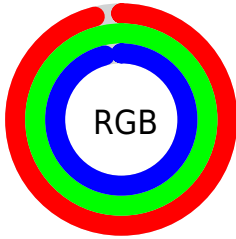
Format	Color
R_{YB}	244, 254, 255
Decimal	16056309
CIE _{Lab}	98.96, -5.40, 3.52
CIE _{LCh}	99, 6.448, 146.932
Y _{xy}	97.3457, 0.3116, 0.3388
Android (android.graphics.Color)	4294246389 (0xFFFF4FFF5)
Y _{UV}	250.5710, -2.7465, -5.7628
Hunter-Lab	98.6639, -10.6859, 8.7022

Details

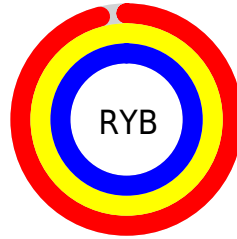
The Yxy color 97.3457, 0.3116, 0.3388 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.0723, 0.3138, 0.3194, and the grayscale version is 96.1009, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.7537, 0.3114, 0.3402 is the 20% darker color. If you saturate the color by 10%, you get 91.7624, 0.3089, 0.3636, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

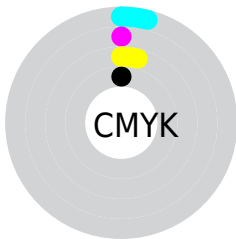
Distribution



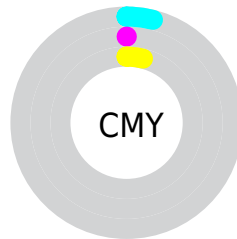
- Red (96%)
- Green (100%)
- Blue (96%)



- 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 97.3457, 0.3116, 0.3388 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 97.3457, 0.3116, 0.3388 by changing the saturation by 10% instead.

 97.3457, 0.3116,
0.3388

 97.3457, 0.3116,
0.3388


551.6475, 0.3121,
0.3345

 74.0888, 0.3115,
0.3397


157.5013, 0.3118,
0.3373

 54.8668, 0.3113,
0.3409


195.1689, 0.3118,
0.3368

 39.2950, 0.3112,
0.3423


238.4088, 0.3119,
0.3363

 26.9893, 0.3109,
0.3441

287.6055, 0.3120,
0.3358

 17.5652, 0.3106,
0.3465

343.1433, 0.3120,
0.3354

 10.6383, 0.3102,
0.3498

405.4066, 0.3120,

 5.8242, 0.3096,

0.3351

0.3546

474.7799, 0.3121,
0.3348

■ 2.7385, 0.3085,
0.3622

■ 0.9968, 0.3070,
0.3772

■ 97.3457, 0.3116,
0.3388

■ 97.3457, 0.3116,
0.3388

■ 91.7624, 0.3089,
0.3636

100.0000, 0.3127,
0.3290

■ 86.9662, 0.3062,
0.3915

■ 82.9099, 0.3036,
0.4222

■ 79.5566, 0.3011,
0.4551

■ 76.8663, 0.2990,
0.4888

■ 74.7947, 0.2976,
0.5212

■ 73.2922, 0.2969,
0.5502

■ 72.3015, 0.2971,
0.5734

■ 71.7534, 0.2980,
0.5893

Harmonies

Analogous

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



97.3457, 0.3186, 0.3412



97.3457, 0.3116, 0.3388



97.3457, 0.3049, 0.3337

Triad

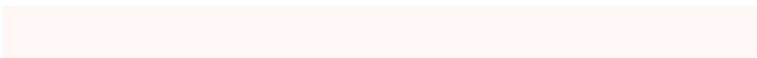
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



97.3457, 0.3116, 0.3388



97.3457, 0.3014, 0.3178



97.3457, 0.3252, 0.3305

Complementary

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



97.3457, 0.3116, 0.3388



93.0723, 0.3138, 0.3194

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.



97.3457, 0.3205, 0.3244



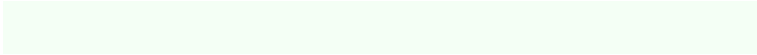
97.3457, 0.3116, 0.3388



97.3457, 0.3067, 0.3171

Square

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



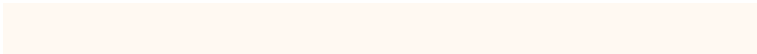
97.3457, 0.3116, 0.3388



97.3457, 0.2991, 0.3215



97.3457, 0.3137, 0.3195



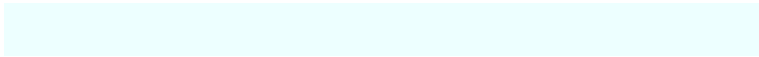
97.3457, 0.3266, 0.3364

Rectangle

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



97.3457, 0.3116, 0.3388



97.3457, 0.3016, 0.3294



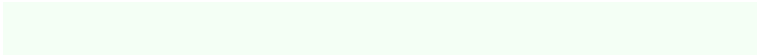
97.3457, 0.3137, 0.3195



97.3457, 0.3240, 0.3285

Sweetspot

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



97.3330, 0.3116, 0.3388



99.3719, 0.3125, 0.3312



99.1330, 0.3186, 0.3396



21.2763, 0.3125, 0.3311



0.0000, 0.0000, 0.0000



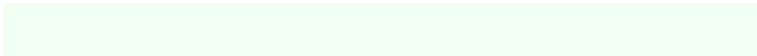
21.4041, 0.3127, 0.3290

Same Dimension

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



97.3330, 0.3116, 0.3388



96.9411, 0.3114, 0.3403



97.6674, 0.3085, 0.3335



20.6608, 0.3112, 0.3420



37.4154, 0.2982, 0.5936



3.6520, 0.2947, 0.5809

Inverse Universe

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



93.0723, 0.3138, 0.3194



92.0548, 0.3140, 0.3179



92.7315, 0.3171, 0.3246



19.4737, 0.3142, 0.3164



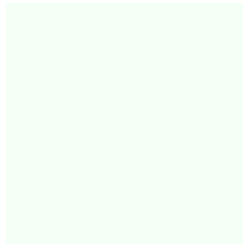
14.1236, 0.3466, 0.1683



1.3835, 0.3433, 0.1665

Previews

White Background



This preview shows how the Yxy color 97.3457, 0.3116, 0.3388 looks on a white background.

Color Contrast Check

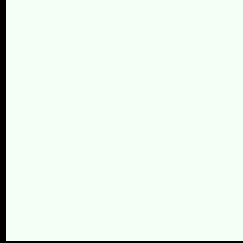
Large Text (above 18pt) WCAG AA × Fail

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 97.3457, 0.3116, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

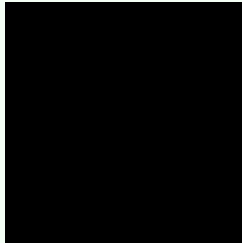
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.3457, 0.3116, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 97.3457, 0.3116, 0.3388.

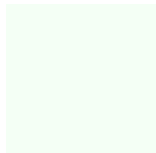


This preview shows how white text looks on a background with the Yxy color 97.3457, 0.3116, 0.3388.

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

97.3457, 0.3116, 0.3388



Protanopia

97.0317, 0.3170, 0.3319

Deuteranopia

97.2194, 0.3152, 0.3290

Tritanopia

97.3500, 0.3104, 0.3261

Trichromacy



Original Color

97.3457, 0.3116, 0.3388

Protanomaly

96.8454, 0.3150, 0.3338

Deuteranomaly

96.9696, 0.3138, 0.3319

Tritanomaly

97.1721, 0.3108, 0.3309

Monochromacy



Original Color

97.3457, 0.3116, 0.3388

Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.4168, 0.3120, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.3457, 0.3116, 0.3388 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(244, 255, 245)` looks like.

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

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

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

Border

The CSS property to change the border of an element to Yxy 97.3457, 0.3116, 0.3388 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(244, 255, 245) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to Yxy 97.3457, 0.3116, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 255, 245) }
```

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

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

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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