

Converting Colors

$Y_{xy}(100.0000, 0.3152, 0.3472)$

Have a look what the booklet for
Yxy(100.0000, 0.3152, 0.3472)
contains.

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Color

Yxy(97.4041, 0.3158, 0.3437)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F6FFF0 |
| RGB | 246, 255, 240 |
| RGB Percent | 96%, 100%, 94% |
| CMY | 0.0352, 0.0000, 0.0589 |
| CMYK | 0.04, 0.00, 0.06, 0.00 |
| HSL | 96°, 100%, 97% |
| HSV | 96°, 6%, 100% |
| XYZ | 89.4973, 97.4041, 96.4972 |
| YIQ | 250.5990, -0.5490, -6.5730 |

Conversions

Conversions Part 2

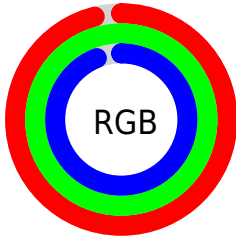
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 240, 255, 249 |
| Decimal | 16187376 |
| CIE _{Lab} | 98.99, -5.56, 6.14 |
| CIE _{LCh} | 99, 8.289, 132.154 |
| Y _{xy} | 97.4041, 0.3158, 0.3437 |
| Android (android.graphics.Color) | 4294377456 (0xFFFF6FFF0) |
| YUV | 250.5990, -5.2253, -4.0333 |
| Hunter-Lab | 98.6935, -10.8462, 11.1149 |

Details

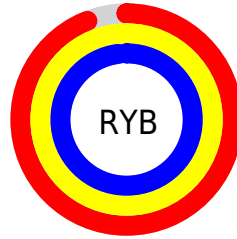
The Yxy color 97.4041, 0.3158, 0.3437 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.6517, 0.3095, 0.3144, and the grayscale version is 96.1675, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.7960, 0.3166, 0.3465 is the 20% darker color. If you saturate the color by 10%, you get 93.3556, 0.3210, 0.3706, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

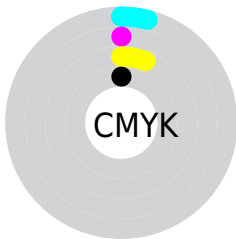
Distribution



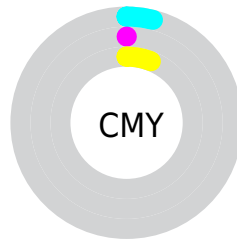
- Red (96%)
- Green (100%)
- Blue (94%)



- Red (94%)
- Yellow (100%)
- Blue (98%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)




- Cyan (4%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.4041, 0.3158, 0.3437 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 97.4041, 0.3158, 0.3437 by changing the saturation by 10% instead.

 97.4041, 0.3158,
0.3437

 97.4041, 0.3158,
0.3437

551.8331, 0.3145,
0.3372

 74.1375, 0.3161,
0.3451


157.5818, 0.3154,
0.3415

 54.9066, 0.3164,
0.3469


195.2617, 0.3152,
0.3406

 39.3269, 0.3168,
0.3490


238.5149, 0.3150,
0.3399

 27.0142, 0.3173,
0.3517

287.7257, 0.3149,
0.3392

 17.5839, 0.3180,
0.3553

343.2785, 0.3148,
0.3386

 10.6516, 0.3189,
0.3603

405.5578, 0.3147,

 5.8331, 0.3201,

0.3381

0.3675

474.9479, 0.3146,
0.3376

■ 2.7439, 0.3219,
0.3791

■ 0.9995, 0.3288,
0.4058

■ 97.4041, 0.3158,
0.3437

■ 97.4041, 0.3158,
0.3437

■ 93.3556, 0.3210,
0.3706

100.0000, 0.3127,
0.3290

■ 89.7283, 0.3258,
0.3998

■ 86.5102, 0.3301,
0.4306

■ 83.6855, 0.3335,
0.4622

■ 81.2369, 0.3355,
0.4931

■ 79.1458, 0.3358,
0.5218

■ 77.3915, 0.3342,
0.5463

■ 75.9507, 0.3306,
0.5653

■ 74.7957, 0.3255,
0.5778

Harmonies

Analogous

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



97.4041, 0.3242, 0.3447



97.4041, 0.3158, 0.3437



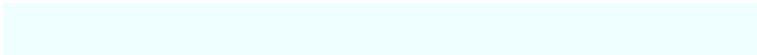
97.4041, 0.3067, 0.3386

Triad

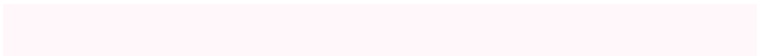
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



97.4041, 0.3158, 0.3437



97.4041, 0.2962, 0.3165



97.4041, 0.3263, 0.3270

Complementary

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



97.4041, 0.3158, 0.3437



89.6517, 0.3095, 0.3144

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.



97.4041, 0.3186, 0.3197



97.4041, 0.3158, 0.3437



97.4041, 0.3013, 0.3136

Square

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



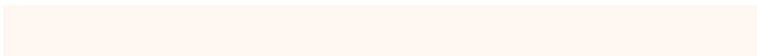
97.4041, 0.3158, 0.3437



97.4041, 0.2955, 0.3227



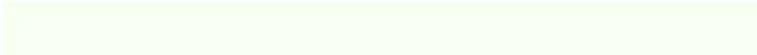
97.4041, 0.3094, 0.3149



97.4041, 0.3303, 0.3349

Rectangle

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



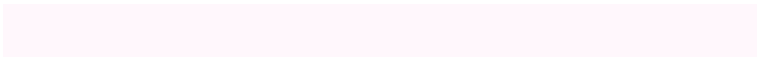
97.4041, 0.3158, 0.3437



97.4041, 0.3014, 0.3336



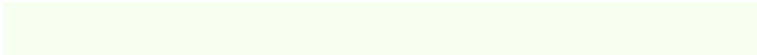
97.4041, 0.3094, 0.3149



97.4041, 0.3240, 0.3244

Sweetspot

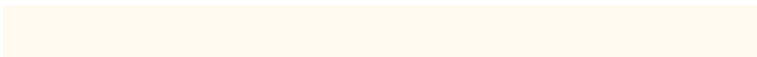
The Sweet Spot groups the original color and five complimentary colors.



97.4073, 0.3158, 0.3437



99.1030, 0.3138, 0.3339



95.1387, 0.3220, 0.3375



21.2215, 0.3137, 0.3336



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.



97.4073, 0.3158, 0.3437



96.9379, 0.3164, 0.3466



96.4042, 0.3113, 0.3426



20.6944, 0.3167, 0.3481



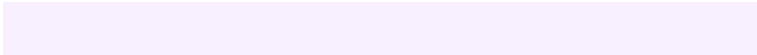
38.9519, 0.3243, 0.5807



3.8543, 0.3331, 0.5737

Inverse Universe

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



89.6517, 0.3095, 0.3144



87.7962, 0.3088, 0.3116



90.7022, 0.3142, 0.3158



18.5777, 0.3085, 0.3100



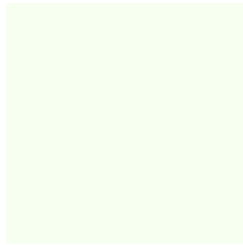
7.3614, 0.2223, 0.0998



0.7805, 0.2332, 0.1058

Previews

White Background



This preview shows how the Yxy color 97.4041, 0.3158, 0.3437 looks on a white background.

Color Contrast Check

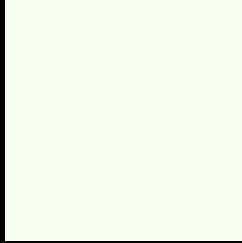
Large Text (above 18pt) WCAG AA × Fail

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 97.4041, 0.3158, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

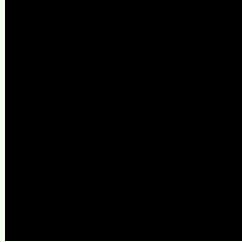
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.4041, 0.3158, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 97.4041, 0.3158, 0.3437.

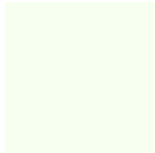


This preview shows how white text looks on a background with the Yxy color 97.4041, 0.3158, 0.3437.

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

97.4041, 0.3158, 0.3437



Protanopia

97.5962, 0.3175, 0.3338

Deuteranopia

97.2194, 0.3152, 0.3290

Tritanopia

97.5363, 0.3110, 0.3261

Trichromacy



Original Color

97.4041, 0.3158, 0.3437

Protanomaly

97.4777, 0.3173, 0.3377

Deuteranomaly

97.0317, 0.3156, 0.3338

Tritanomaly

97.4767, 0.3126, 0.3319

Monochromacy



Original Color

97.4041, 0.3158, 0.3437

Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.4759, 0.3137, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.4041, 0.3158, 0.3437 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(246, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 240)  
}
```

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(246, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 240) }
```

Border

The CSS property to change the border of an element to Yxy 97.4041, 0.3158, 0.3437 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(246, 255, 240) }
```

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

```
.border{ border-color:rgb(246, 255, 240) }
```

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

Here you see how a box with a 4 pixel rgb(246, 255, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 97.4041, 0.3158, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 240) }
```

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

```
.background{ background-color: rgb(246,  
255, 240) }
```

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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