

Converting Colors

$Y_{xy}(103.8170, 0.3252, 0.3668)$

Have a look what the booklet for
Yxy(103.8170, 0.3252, 0.3668)
contains.

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Color

Yxy(97.3350, 0.3265, 0.3575)

Conversions

Conversions Part 1

Format	Color
Hex	FAFFE2
RGB	250, 255, 226
RGB Percent	98%, 100%, 89%
CMY	0.0198, 0.0000, 0.1138
CMYK	0.02, 0.00, 0.11, 0.00
HSL	70°, 100%, 94%
HSV	70°, 11%, 100%
XYZ	88.8948, 97.3350, 86.0360
YIQ	250.1990, 6.3290, -10.0790

Conversions

Conversions Part 2

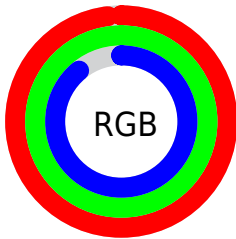
Format	Color
R_{YB}	226, 255, 231
Decimal	16449506
CIE _{Lab}	98.96, -6.55, 13.31
CIE _{LCh}	99, 14.831, 116.199
Yxy	97.3350, 0.3265, 0.3575
Android (android.graphics.Color)	4294639586 (0xFFFAFFE2)
YUV	250.1990, -11.9301, -0.1745
Hunter-Lab	98.6585, -11.8176, 17.3566

Details

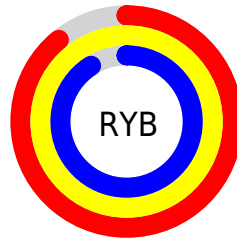
The Yxy color 97.3350, 0.3265, 0.3575 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 78.5942, 0.2980, 0.2995, and the grayscale version is 95.8510, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.6659, 0.3288, 0.3628 is the 20% darker color. If you saturate the color by 10%, you get 95.2164, 0.3388, 0.3837, and if you desaturate by 10%, it is 99.6590, 0.3144, 0.3324.

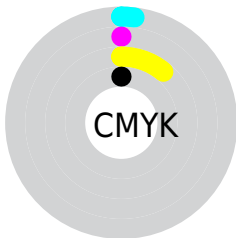
Distribution



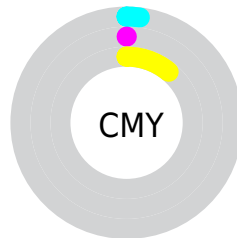
- Red (98%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (91%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.3350, 0.3265, 0.3575 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 97.3350, 0.3265, 0.3575 by changing the saturation by 10% instead.


 97.3350, 0.3265,
0.3575

 97.3350, 0.3265,
0.3575


551.6135, 0.3205,
0.3448

 74.0799, 0.3278,
0.3603


157.4866, 0.3245,
0.3532

 54.8595, 0.3293,
0.3636


195.1519, 0.3237,
0.3515

 39.2892, 0.3312,
0.3678


238.3894, 0.3230,
0.3500

 26.9848, 0.3336,
0.3732

287.5834, 0.3224,
0.3487

 17.5618, 0.3366,
0.3802

343.1185, 0.3218,
0.3476

 10.6358, 0.3406,
0.3898

405.3789, 0.3214,

 5.8225, 0.3462,

0.3466

0.4038

474.7491, 0.3209,
0.3457

■ 2.7375, 0.3544,
0.4261

■ 0.9963, 0.4059,
0.5165

■ 97.3350, 0.3265,
0.3575

■ 97.3350, 0.3265,
0.3575

■ 95.2164, 0.3388,
0.3837

■ 99.6590, 0.3144,
0.3324

■ 93.3270, 0.3508,
0.4103

100.0000, 0.3127,
0.3290

■ 91.6459, 0.3620,
0.4364

■ 90.1622, 0.3720,
0.4611

■ 88.8640, 0.3801,
0.4832

■ 87.7381, 0.3859,
0.5016

■ 86.7692, 0.3890,
0.5157

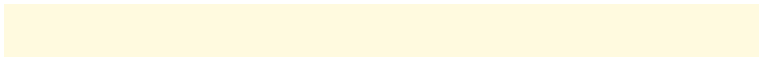
■ 85.9390, 0.3895,
0.5250

■ 85.3106, 0.3883,
0.5299

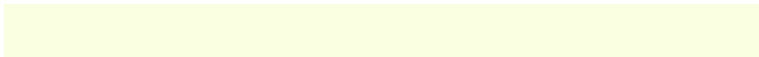
Harmonies

Analogous

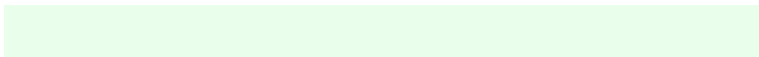
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.3350, 0.3392, 0.3548



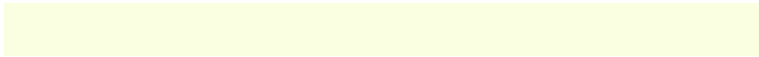
97.3350, 0.3265, 0.3575



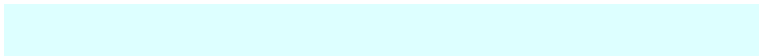
97.3350, 0.3103, 0.3521

Triad

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



97.3350, 0.3265, 0.3575



97.3350, 0.2817, 0.3117



97.3350, 0.3303, 0.3181

Complementary

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



97.3350, 0.3265, 0.3575



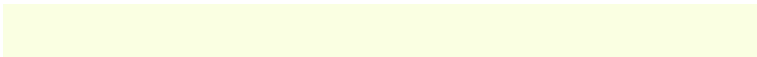
78.5942, 0.2980, 0.2995

Split Complementary

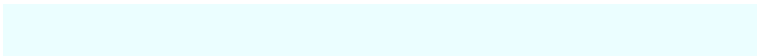
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.3350, 0.3145, 0.3073



97.3350, 0.3265, 0.3575



97.3350, 0.2866, 0.3034

Square

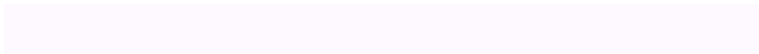
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



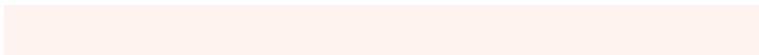
97.3350, 0.3265, 0.3575



97.3350, 0.2847, 0.3251



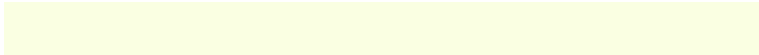
97.3350, 0.2985, 0.3019



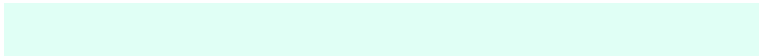
97.3350, 0.3415, 0.3318

Rectangle

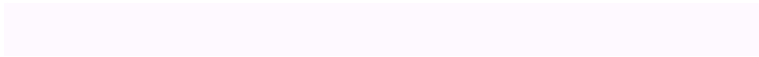
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97.3350, 0.3265, 0.3575



97.3350, 0.2998, 0.3446



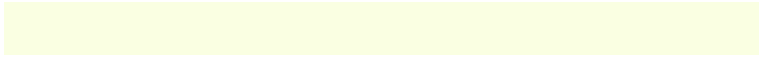
97.3350, 0.2985, 0.3019



97.3350, 0.3253, 0.3141

Sweetspot

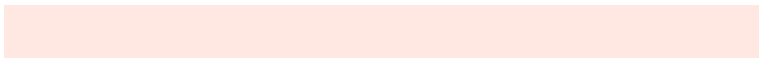
The Sweet Spot groups the original color and five complimentary colors.



97.3240, 0.3265, 0.3575



99.2653, 0.3163, 0.3363



83.7977, 0.3326, 0.3339



21.2056, 0.3173, 0.3383



0.0000, 0.0000, 0.0000



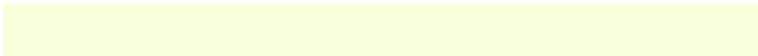
21.4041, 0.3127, 0.3290

Same Dimension

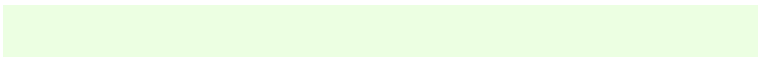
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.3240, 0.3265, 0.3575



96.7505, 0.3297, 0.3643



94.7830, 0.3174, 0.3583



20.9214, 0.3242, 0.3527



44.6352, 0.3888, 0.5295



4.3861, 0.3925, 0.5266

Inverse Universe

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



78.5942, 0.2980, 0.2995



74.1302, 0.2942, 0.2921



81.0714, 0.3075, 0.3003



17.5297, 0.3006, 0.3046



4.1008, 0.1576, 0.0642



0.4391, 0.1668, 0.0693

Previews

White Background



This preview shows how the Yxy color 97.3350, 0.3265, 0.3575 looks on a white background.

Color Contrast Check

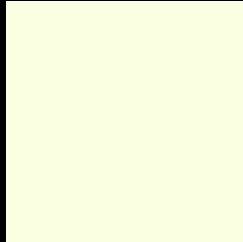
Large Text (above 18pt) WCAG AA × Fail

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 97.3350, 0.3265, 0.3575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

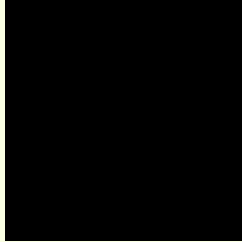
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.3350, 0.3265, 0.3575

Background



This preview shows how black text looks on a background with the Yxy color 97.3350, 0.3265, 0.3575.



This preview shows how white text looks on a background with the Yxy color 97.3350, 0.3265, 0.3575.

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

97.3350, 0.3265, 0.3575



Protanopia

97.4734, 0.3187, 0.3357

Deuteranopia

97.1565, 0.3158, 0.3300

Tritanopia

97.0970, 0.3116, 0.3252

Trichromacy



Original Color

97.3350, 0.3265, 0.3575

Protanomaly

97.3063, 0.3215, 0.3435

Deuteranomaly

96.8543, 0.3198, 0.3397

Tritanomaly

96.8479, 0.3174, 0.3367

Monochromacy



Original Color

97.3350, 0.3265, 0.3575

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

96.2957, 0.3179, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.3350, 0.3265, 0.3575 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(250, 255, 226)` looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 226)  
}
```

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(250, 255, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 226) }
```

Border

The CSS property to change the border of an element to Yxy 97.3350, 0.3265, 0.3575 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(250, 255, 226) }
```

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

```
.border{ border-color:rgb(250, 255, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 255, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 226);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 97.3350, 0.3265, 0.3575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 255, 226) }
```

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

```
.background{ background-color: rgb(250,  
255, 226) }
```

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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