

Converting Colors

$Y_{xy}(97.7878, 0.3258, 0.3545)$

Have a look what the booklet for
Yxy(97.7878, 0.3258, 0.3545)
contains.

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Color

Yxy(97.8726, 0.3260, 0.3544)

Conversions

Conversions Part 1

Format	Color
Hex	FCFFE5
RGB	252, 255, 229
RGB Percent	99%, 100%, 90%
CMY	0.0120, 0.0000, 0.1020
CMYK	0.01, 0.00, 0.10, 0.00
HSL	67°, 100%, 95%
HSV	67°, 10%, 100%
XYZ	90.0295, 97.8726, 88.2621
YIQ	251.1390, 6.5580, -8.7220

Conversions

Conversions Part 2

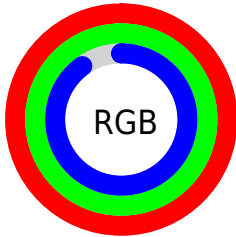
Format	Color
R_{YB}	229, 255, 232
Decimal	16580581
CIE _{Lab}	99.17, -5.39, 12.09
CIE _{LCh}	99, 13.236, 114.014
Yxy	97.8726, 0.3260, 0.3544
Android (android.graphics.Color)	4294770661 (0xFFFCFFE5)
YUV	251.1390, -10.9145, 0.7551
Hunter-Lab	98.9306, -10.6886, 16.3551

Details

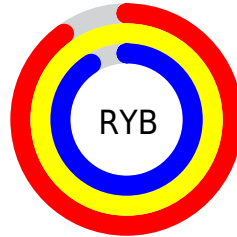
The Yxy color 97.8726, 0.3260, 0.3544 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 80.4131, 0.2987, 0.3026, and the grayscale version is 96.6614, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.0463, 0.3282, 0.3588 is the 20% darker color. If you saturate the color by 10%, you get 95.9840, 0.3393, 0.3802, and if you desaturate by 10%, it is 99.9553, 0.3130, 0.3295.

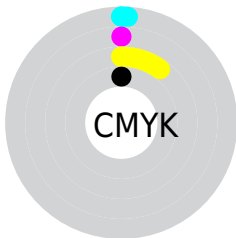
Distribution



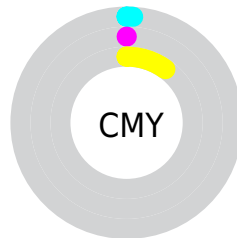
- Red (99%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (91%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)




- Cyan (1%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.8726, 0.3260, 0.3544 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 97.8726, 0.3260, 0.3544 by changing the saturation by 10% instead.

 97.8726, 0.3260,
0.3544

 97.8726, 0.3260,
0.3544


553.3210, 0.3202,
0.3432

 74.5281, 0.3272,
0.3569


158.2273, 0.3241,
0.3506

 55.2264, 0.3287,
0.3598

196.0064, 0.3233,
0.3491

 39.5830, 0.3306,
0.3635


239.3657, 0.3226,
0.3478

 27.2136, 0.3328,
0.3683

288.6898, 0.3220,
0.3466

 17.7337, 0.3358,
0.3744

344.3629, 0.3215,
0.3456

 10.7590, 0.3398,
0.3829

406.7696, 0.3210,

 5.9050, 0.3453,

0.3447

0.3952

476.2941, 0.3206,
0.3439

■ 2.7874, 0.3536,
0.4147

■ 1.0218, 0.3940,
0.4830

■ 97.8726, 0.3260,
0.3544

■ 97.8726, 0.3260,
0.3544

■ 95.9840, 0.3393,
0.3802

99.9553, 0.3130,
0.3295

■ 94.3163, 0.3523,
0.4064

100.0000, 0.3127,
0.3290

■ 92.8478, 0.3648,
0.4319

■ 91.5677, 0.3759,
0.4559

■ 90.4646, 0.3853,
0.4773

■ 89.5254, 0.3924,
0.4949

■ 88.7351, 0.3969,
0.5083

■ 88.0762, 0.3987,
0.5171

■ 87.5297, 0.3984,
0.5219

Harmonies

Analogous

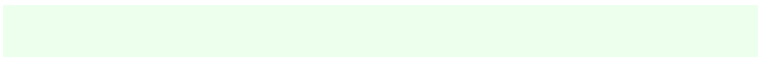
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.8726, 0.3369, 0.3515



97.8726, 0.3260, 0.3544



97.8726, 0.3117, 0.3501

Triad

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



97.8726, 0.3260, 0.3544



97.8726, 0.2850, 0.3143



97.8726, 0.3274, 0.3185

Complementary

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



97.8726, 0.3260, 0.3544



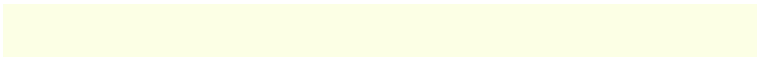
80.4131, 0.2987, 0.3026

Split Complementary

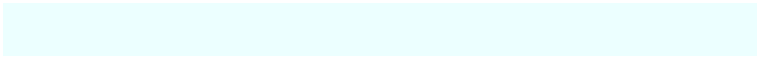
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.8726, 0.3132, 0.3091



97.8726, 0.3260, 0.3544



97.8726, 0.2889, 0.3065

Square

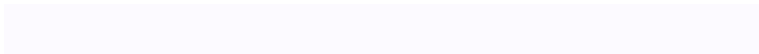
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



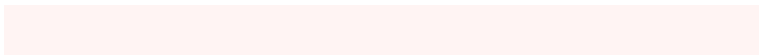
97.8726, 0.3260, 0.3544



97.8726, 0.2882, 0.3265



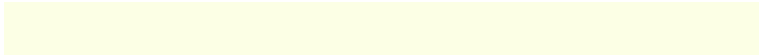
97.8726, 0.2991, 0.3047



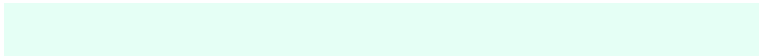
97.8726, 0.3378, 0.3307

Rectangle

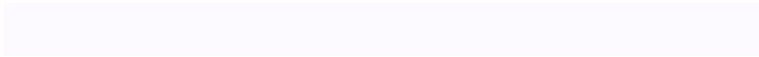
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97.8726, 0.3260, 0.3544



97.8726, 0.3022, 0.3437



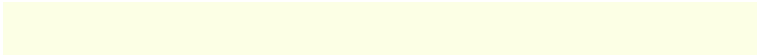
97.8726, 0.2991, 0.3047



97.8726, 0.3229, 0.3149

Sweetspot

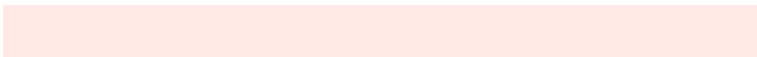
The Sweet Spot groups the original color and five complimentary colors.



97.8606, 0.3260, 0.3544



99.3468, 0.3166, 0.3363



84.6405, 0.3305, 0.3321



21.2277, 0.3176, 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.



97.8606, 0.3260, 0.3544



97.5075, 0.3284, 0.3590



95.5195, 0.3177, 0.3550



20.9760, 0.3251, 0.3526



45.7793, 0.3987, 0.5216



4.4867, 0.4012, 0.5196

Inverse Universe

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



80.4131, 0.2987, 0.3026



77.2403, 0.2960, 0.2976



82.6673, 0.3072, 0.3033



17.4800, 0.2997, 0.3045



3.9488, 0.1541, 0.0623



0.4157, 0.1615, 0.0663

Previews

White Background



This preview shows how the Yxy color 97.8726, 0.3260, 0.3544 looks on a white background.

Color Contrast Check

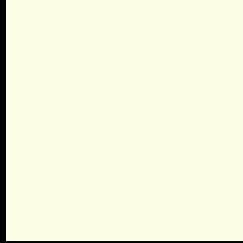
Large Text (above 18pt) WCAG AA × Fail

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 97.8726, 0.3260, 0.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

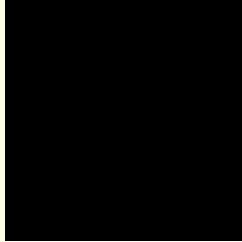
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.8726, 0.3260, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 97.8726, 0.3260, 0.3544.

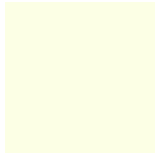


This preview shows how white text looks on a background with the Yxy color 97.8726, 0.3260, 0.3544.

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

97.8726, 0.3260, 0.3544



Protanopia

97.5962, 0.3175, 0.3338

Deuteranopia

97.8458, 0.3152, 0.3300

Tritanopia

97.7235, 0.3116, 0.3261

Trichromacy



Original Color

97.8726, 0.3260, 0.3544

Protanomaly

97.6127, 0.3210, 0.3416

Deuteranomaly

97.7925, 0.3192, 0.3386

Tritanomaly

97.7870, 0.3168, 0.3357

Monochromacy



Original Color

97.8726, 0.3260, 0.3544



Achromatopsia

96.4686, 0.3127, 0.3290



Achromatomaly

96.6011, 0.3174, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.8726, 0.3260, 0.3544 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(252, 255, 229)` looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 229) }
```

Border

The CSS property to change the border of an element to Yxy 97.8726, 0.3260, 0.3544 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(252, 255, 229) }
```

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

```
.border{ border-color:rgb(252, 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(252, 255, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 97.8726, 0.3260, 0.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 255, 229) }
```

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

```
.background{ background-color: rgb(252,  
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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