

Converting Colors

Yxy(97.0613, 0.3266, 0.3589)

Have a look what the booklet for
Yxy(97.0613, 0.3266, 0.3589)
contains.

Yxy(97.0960, 0.3265, 0.3585)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(97.0960, 0.3265, 0.3585)

Conversions

Conversions Part 1

Format	Color
Hex	F9FFE1
RGB	249, 255, 225
RGB Percent	98%, 100%, 88%
CMY	0.0234, 0.0000, 0.1176
CMYK	0.02, 0.00, 0.12, 0.00
HSL	72°, 100%, 94%
HSV	72°, 12%, 100%
XYZ	88.4291, 97.0960, 85.3145
YIQ	249.7860, 6.0540, -10.6020

Conversions

Conversions Part 2

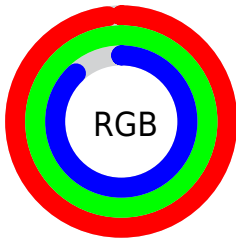
Format	Color
R_{YB}	225, 255, 231
Decimal	16383969
CIE _{Lab}	98.87, -7.00, 13.66
CIE _{LCh}	99, 15.351, 117.118
Yxy	97.0960, 0.3265, 0.3585
Android (android.graphics.Color)	4294574049 (0xFFFF9FFE1)
YUV	249.7860, -12.2195, -0.6893
Hunter-Lab	98.5373, -12.2512, 17.6423

Details

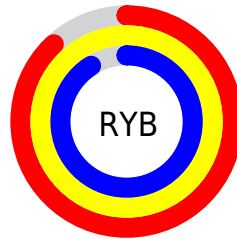
The Yxy color **97.0960, 0.3265, 0.3585** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **78.0514, 0.2979, 0.2984**, and the grayscale version is **95.5191, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.4969, 0.3287, 0.3642** is the 20% darker color. If you saturate the color by 10%, you get **94.8937, 0.3383, 0.3848**, and if you desaturate by 10%, it is **99.5396, 0.3148, 0.3333**.

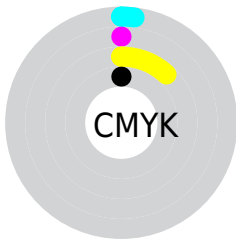
Distribution



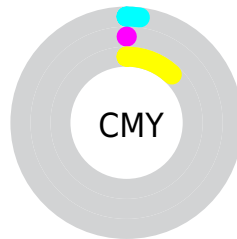
- Red (98%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (91%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)




- Cyan (2%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 97.0960, 0.3265, 0.3585 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 97.0960, 0.3265, 0.3585 by changing the saturation by 10% instead.

 97.0960, 0.3265,
0.3585

 97.0960, 0.3265,
0.3585


550.8535, 0.3205,
0.3454

 73.8807, 0.3278,
0.3614


157.1572, 0.3245,
0.3540

 54.6964, 0.3293,
0.3649


194.7718, 0.3237,
0.3523

 39.1587, 0.3312,
0.3692


237.9550, 0.3230,
0.3508

 26.8832, 0.3335,
0.3748

287.0912, 0.3224,
0.3494

 17.4855, 0.3365,
0.3821

342.5648, 0.3219,
0.3482

 10.5813, 0.3406,
0.3921

404.7601, 0.3214,

 5.7860, 0.3461,

0.3472

0.4067

474.0615, 0.3209,
0.3462

■ 2.7154, 0.3541,
0.4299

■ 0.9850, 0.4096,
0.5294

■ 97.0960, 0.3265,
0.3585

■ 97.0960, 0.3265,
0.3585

■ 94.8937, 0.3383,
0.3848

■ 99.5396, 0.3148,
0.3333

■ 92.9106, 0.3499,
0.4117

■ 99.9959, 0.3127,
0.3290

■ 91.1409, 0.3607,
0.4381

■ 89.5738, 0.3701,
0.4631

■ 88.1971, 0.3777,
0.4856

■ 86.9976, 0.3829,
0.5044

■ 85.9597, 0.3855,
0.5187

■ 85.0651, 0.3855,
0.5284

■ 84.4127, 0.3840,
0.5333

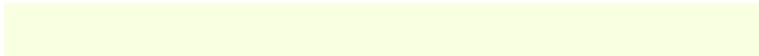
Harmonies

Analogous

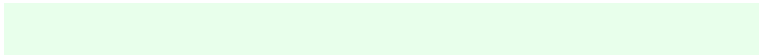
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.0960, 0.3398, 0.3559



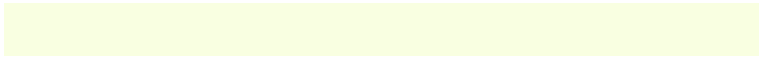
97.0960, 0.3265, 0.3585



97.0960, 0.3097, 0.3527

Triad

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



97.0960, 0.3265, 0.3585



97.0960, 0.2806, 0.3107



97.0960, 0.3314, 0.3182

Complementary

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



97.0960, 0.3265, 0.3585



78.0514, 0.2979, 0.2984

Split Complementary

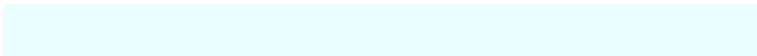
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.0960, 0.3150, 0.3069



97.0960, 0.3265, 0.3585



97.0960, 0.2860, 0.3023

Square

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



97.0960, 0.3265, 0.3585



97.0960, 0.2835, 0.3244



97.0960, 0.2985, 0.3011



97.0960, 0.3428, 0.3324

Rectangle

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



97.0960, 0.3265, 0.3585



97.0960, 0.2989, 0.3448



97.0960, 0.2985, 0.3011



97.0960, 0.3262, 0.3139

Sweetspot

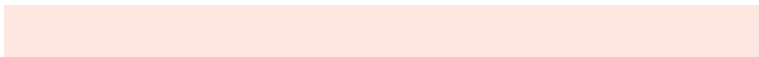
The Sweet Spot groups the original color and five complimentary colors.



97.1002, 0.3265, 0.3585



98.9787, 0.3174, 0.3388



83.5674, 0.3333, 0.3345



21.1453, 0.3182, 0.3407



0.0000, 0.0000, 0.0000



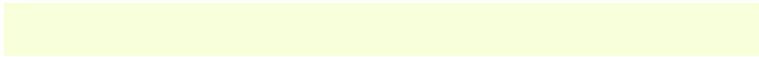
21.4041, 0.3127, 0.3290

Same Dimension

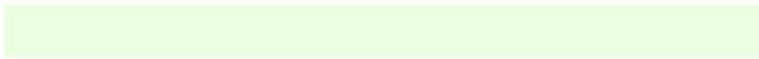
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.1002, 0.3265, 0.3585



96.5920, 0.3292, 0.3643



94.5292, 0.3172, 0.3593



20.8981, 0.3238, 0.3527



44.1741, 0.3846, 0.5328



4.3452, 0.3887, 0.5295

Inverse Universe

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



78.0514, 0.2979, 0.2984



74.2700, 0.2948, 0.2922



80.5726, 0.3076, 0.2993



17.5511, 0.3010, 0.3046



4.1834, 0.1595, 0.0652



0.4502, 0.1693, 0.0706

Previews

White Background



This preview shows how the Yxy color 97.0960, 0.3265, 0.3585 looks on a white background.

Color Contrast Check

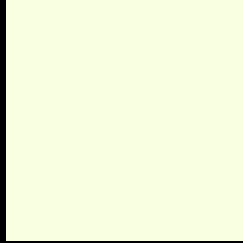
Large Text (above 18pt) WCAG AA × Fail

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 97.0960, 0.3265, 0.3585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

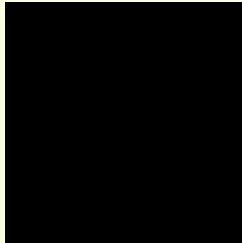
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

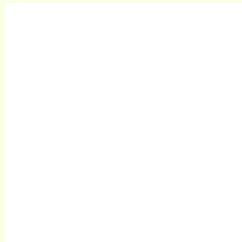
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 97.0960, 0.3265, 0.3585

Background



This preview shows how black text looks on a background with the Yxy color 97.0960, 0.3265, 0.3585.

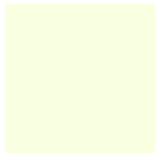


This preview shows how white text looks on a background with the Yxy color 97.0960, 0.3265, 0.3585.

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

97.0960, 0.3265, 0.3585



Protanopia

96.7860, 0.3194, 0.3357

Deuteranopia

97.1565, 0.3158, 0.3300

Tritanopia

96.9098, 0.3110, 0.3252

Trichromacy



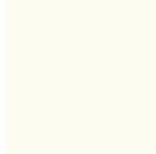
Original Color

97.0960, 0.3265, 0.3585



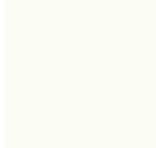
Protanomaly

96.6179, 0.3222, 0.3436



Deuteranomaly

96.8543, 0.3198, 0.3397



Tritanomaly

96.6617, 0.3168, 0.3368

Monochromacy



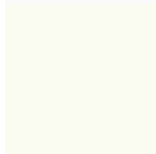
Original Color

97.0960, 0.3265, 0.3585



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 97.0960, 0.3265, 0.3585 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(249, 255, 225)` looks like.

```
.text, #text, p{  
    color:rgb(249, 255, 225)  
}
```

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(249, 255, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 225) }
```

Border

The CSS property to change the border of an element to Yxy 97.0960, 0.3265, 0.3585 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(249, 255, 225) }
```

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

```
.border{ border-color:rgb(249, 255, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 255, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 225);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 97.0960, 0.3265, 0.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 255, 225) }
```

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

```
.background{ background-color: rgb(249,  
255, 225) }
```

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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