

Converting Colors

$Yxy(96.9687, 0.3265, 0.3591)$

Have a look what the booklet for
Yxy(96.9687, 0.3265, 0.3591)
contains.

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Color

Yxy(97.0416, 0.3271, 0.3595)

Conversions

Conversions Part 1

Format	Color
Hex	F9FFE0
RGB	249, 255, 224
RGB Percent	98%, 100%, 88%
CMY	0.0233, 0.0000, 0.1216
CMYK	0.02, 0.00, 0.12, 0.00
HSL	71°, 100%, 94%
HSV	71°, 12%, 100%
XYZ	88.2957, 97.0416, 84.5976
YIQ	249.6720, 6.3750, -10.9130

Conversions

Conversions Part 2

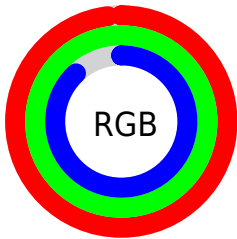
Format	Color
R_{YB}	224, 255, 230
Decimal	16383968
CIE _{Lab}	98.84, -7.15, 14.14
CIE _{LCh}	99, 15.849, 116.818
Yxy	97.0416, 0.3271, 0.3595
Android (android.graphics.Color)	4294574048 (0xFFFF9FFE0)
YUV	249.6720, -12.6563, -0.5893
Hunter-Lab	98.5097, -12.3998, 18.0401

Details

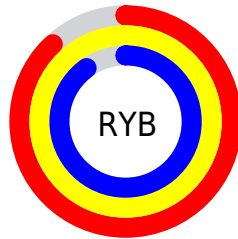
The Yxy color **97.0416, 0.3271, 0.3595** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **77.3438, 0.2972, 0.2973**, and the grayscale version is **95.4247, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.4592, 0.3295, 0.3655** is the 20% darker color. If you saturate the color by 10%, you get **94.8783, 0.3391, 0.3858**, and if you desaturate by 10%, it is **99.4442, 0.3152, 0.3343**.

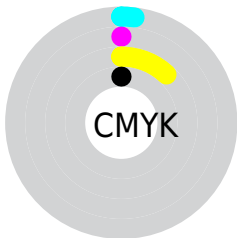
Distribution



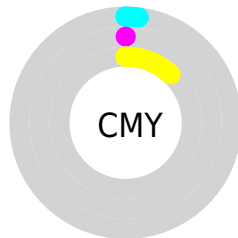
- Red (98%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (90%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.0416, 0.3271, 0.3595 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 97.0416, 0.3271, 0.3595 by changing the saturation by 10% instead.


 97.0416, 0.3271,
0.3595

 97.0416, 0.3271,
0.3595

550.6805, 0.3209,
0.3459

 73.8354, 0.3284,
0.3625


157.0822, 0.3250,
0.3549

 54.6593, 0.3300,
0.3661


194.6853, 0.3242,
0.3531

 39.1290, 0.3320,
0.3706


237.8561, 0.3235,
0.3515

 26.8601, 0.3344,
0.3763

286.9791, 0.3228,
0.3501

 17.4682, 0.3376,
0.3839

342.4387, 0.3223,
0.3489

 10.5689, 0.3417,
0.3942

404.6192, 0.3217,

 5.7777, 0.3475,

0.3478

0.4094

473.9050, 0.3213,
0.3468

■ 2.7104, 0.3558,
0.4333

■ 0.9825, 0.4164,
0.5411

■ 97.0416, 0.3271,
0.3595

■ 97.0416, 0.3271,
0.3595

■ 94.8783, 0.3391,
0.3858

■ 99.4442, 0.3152,
0.3343

■ 92.9321, 0.3507,
0.4126

99.9941, 0.3127,
0.3290

■ 91.1973, 0.3616,
0.4389

■ 89.6629, 0.3711,
0.4637

■ 88.3170, 0.3787,
0.4859

■ 87.1460, 0.3840,
0.5044

■ 86.1345, 0.3866,
0.5185

■ 85.2639, 0.3866,
0.5278

■ 84.6576, 0.3852,
0.5324

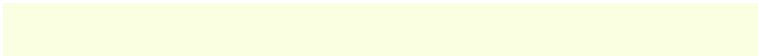
Harmonies

Analogous

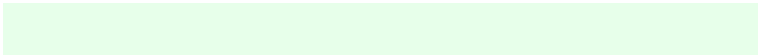
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.0416, 0.3408, 0.3567



97.0416, 0.3271, 0.3595



97.0416, 0.3098, 0.3536

Triad

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



97.0416, 0.3271, 0.3595



97.0416, 0.2796, 0.3102



97.0416, 0.3318, 0.3177

Complementary

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



97.0416, 0.3271, 0.3595



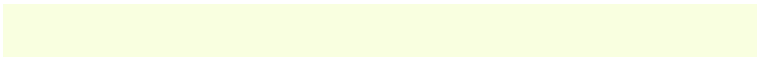
77.3438, 0.2972, 0.2973

Split Complementary

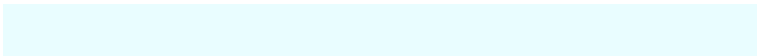
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.0416, 0.3149, 0.3061



97.0416, 0.3271, 0.3595



97.0416, 0.2850, 0.3015

Square

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



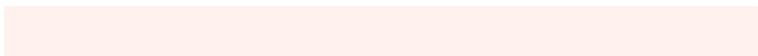
97.0416, 0.3271, 0.3595



97.0416, 0.2827, 0.3244



97.0416, 0.2978, 0.3002



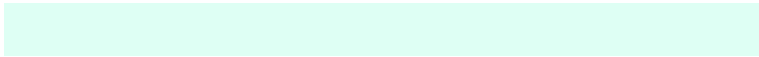
97.0416, 0.3437, 0.3323

Rectangle

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



97.0416, 0.3271, 0.3595



97.0416, 0.2986, 0.3455



97.0416, 0.2978, 0.3002



97.0416, 0.3265, 0.3133

Sweetspot

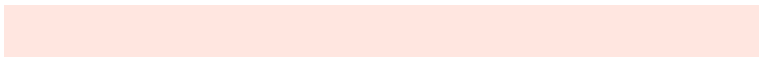
The Sweet Spot groups the original color and five complimentary colors.



97.0458, 0.3271, 0.3595



98.9917, 0.3174, 0.3388



83.0572, 0.3341, 0.3347



21.1486, 0.3183, 0.3407



0.0000, 0.0000, 0.0000



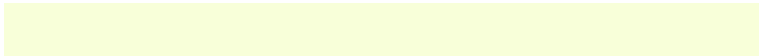
21.4041, 0.3127, 0.3290

Same Dimension

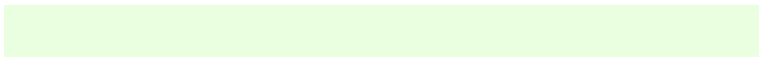
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.0458, 0.3271, 0.3595



96.4136, 0.3305, 0.3669



94.3570, 0.3174, 0.3604



20.9046, 0.3239, 0.3527



44.3017, 0.3858, 0.5319



4.3566, 0.3898, 0.5287

Inverse Universe

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



77.3438, 0.2972, 0.2973



72.5764, 0.2932, 0.2893



79.9757, 0.3074, 0.2983



17.5451, 0.3008, 0.3046



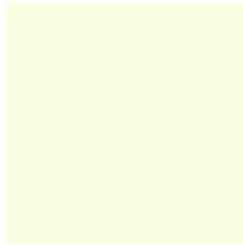
4.1591, 0.1590, 0.0649



0.4470, 0.1686, 0.0703

Previews

White Background



This preview shows how the Yxy color 97.0416, 0.3271, 0.3595 looks on a white background.

Color Contrast Check

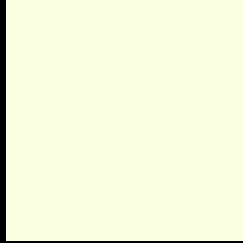
Large Text (above 18pt) WCAG AA × Fail

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 97.0416, 0.3271, 0.3595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

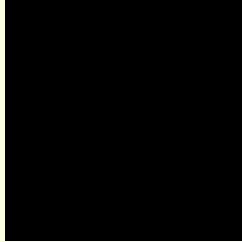
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

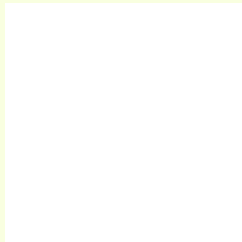
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 97.0416, 0.3271, 0.3595

Background



This preview shows how black text looks on a background with the Yxy color 97.0416, 0.3271, 0.3595.



This preview shows how white text looks on a background with the Yxy color 97.0416, 0.3271, 0.3595.

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

97.0416, 0.3271, 0.3595



Protanopia

96.7254, 0.3200, 0.3367

Deuteranopia

97.0939, 0.3164, 0.3309

Tritanopia

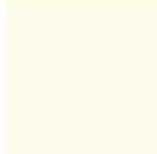
96.9098, 0.3110, 0.3252

Trichromacy



Original Color

97.0416, 0.3271, 0.3595



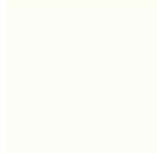
Protanomaly

96.5596, 0.3228, 0.3446



Deuteranomaly

96.7947, 0.3204, 0.3406



Tritanomaly

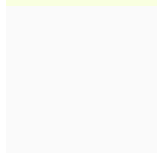
96.6617, 0.3168, 0.3368

Monochromacy



Original Color

97.0416, 0.3271, 0.3595



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 97.0416, 0.3271, 0.3595 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(249, 255, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 224) }
```

Border

The CSS property to change the border of an element to Yxy 97.0416, 0.3271, 0.3595 is called "border". The border property can be set on classes, ids or directly on the HTML element.

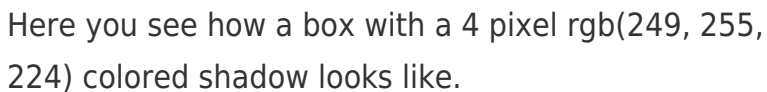
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(249, 255, 224) }
```

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

```
.border{ border-color:rgb(249, 255, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 255, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 255, 224); box-shadow:4px 4px 4px 4px rgb(249, 255, 224) }
```


Background

The CSS property to change the background color of an element to Yxy 97.0416, 0.3271, 0.3595 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, 224) }
```

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

```
.background{ background-color: rgb(249,  
255, 224) }
```

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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