

Converting Colors

$Yxy(95.8638, 0.3369, 0.3779)$

Have a look what the booklet for
Yxy(95.8638, 0.3369, 0.3779)
contains.

| | |
|-------------------------------------------|----|
| Yxy(95.9327, 0.3371, 0.3778) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(95.9327, 0.3371, 0.3778)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F8FFCE |
| RGB | 248, 255, 206 |
| RGB Percent | 97%, 100%, 81% |
| CMY | 0.0276, 0.0000, 0.1922 |
| CMYK | 0.03, 0.00, 0.19, 0.00 |
| HSL | 69°, 100%, 90% |
| HSV | 69°, 19%, 100% |
| XYZ | 85.5980, 95.9327, 72.3939 |
| YIQ | 247.3210, 11.5570, -16.7230 |

Conversions

Conversions Part 2

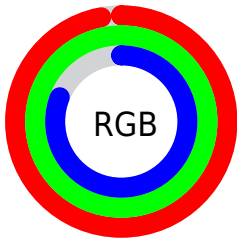
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 206, 255, 213 |
| Decimal | 16318414 |
| CIE Lab | 98.41, -10.28, 22.69 |
| CIE LCh | 98, 24.910, 114.368 |
| Yxy | 95.9327, 0.3371, 0.3778 |
| Android (android.graphics.Color) | 4294508494 (0xFFFF8FFCE) |
| YUV | 247.3210, -20.3713, 0.5955 |
| Hunter-Lab | 97.9452, -15.4064, 24.7389 |

Details

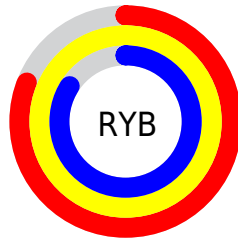
The Yxy color **95.9327, 0.3371, 0.3778** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.5137, 0.2854, 0.2767**, and the grayscale version is **93.4345, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.7315, 0.3415, 0.3875** is the 20% darker color. If you saturate the color by 10%, you get **94.1190, 0.3498, 0.4041**, and if you desaturate by 10%, it is **97.9419, 0.3243, 0.3519**.

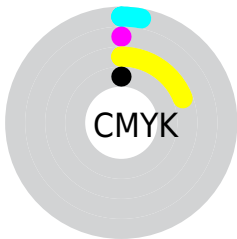
Distribution



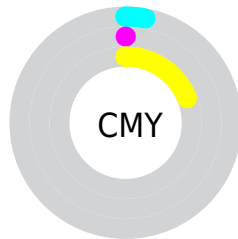
- Red (97%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (84%)



- Cyan (3%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.9327, 0.3371, 0.3778 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 95.9327, 0.3371, 0.3778 by changing the saturation by 10% instead.

 95.9327, 0.3371,
0.3778

 95.9327, 0.3371,
0.3778

547.1466, 0.3266,
0.3560

 72.9115, 0.3393,
0.3826


155.5525, 0.3336,
0.3704

 53.9036, 0.3419,
0.3885


192.9200, 0.3322,
0.3674

 38.5246, 0.3451,
0.3957


235.8383, 0.3310,
0.3649

 26.3901, 0.3491,
0.4050

284.6918, 0.3299,
0.3627

 17.1157, 0.3541,
0.4172

339.8651, 0.3290,
0.3607

 10.3170, 0.3604,
0.4338

401.7423, 0.3281,

 5.6097, 0.3687,

0.3589

0.4577

470.7081, 0.3273,
0.3574

■ 2.6092, 0.3815,
0.4979

■ 0.9313, 0.4049,
0.5951

■ 95.9327, 0.3371,
0.3778

■ 95.9327, 0.3371,
0.3778

■ 94.1190, 0.3498,
0.4041

■ 97.9419, 0.3243,
0.3519

■ 92.5191, 0.3618,
0.4301


100.0000, 0.3127,
0.3290


■ 91.1131, 0.3726,
0.4547


■ 89.8894, 0.3817,
0.4769

 88.8352, 0.3886,
0.4955

 87.9357, 0.3928,
0.5099

 87.1736, 0.3945,
0.5197

 86.5226, 0.3938,
0.5253

 86.4738, 0.3937,
0.5256

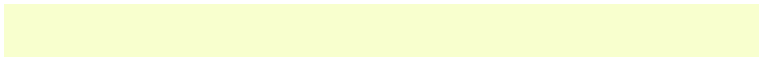
Harmonies

Analogous

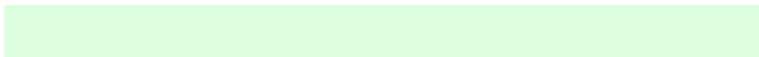
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.9327, 0.3583, 0.3714



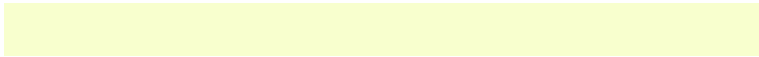
95.9327, 0.3371, 0.3778



95.9327, 0.3100, 0.3698

Triad

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



95.9327, 0.3371, 0.3778



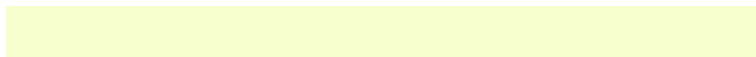
95.9327, 0.2611, 0.3004



95.9327, 0.3408, 0.3095

Complementary

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



95.9327, 0.3371, 0.3778



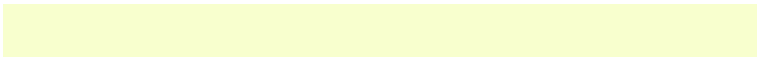
65.5137, 0.2854, 0.2767

Split Complementary

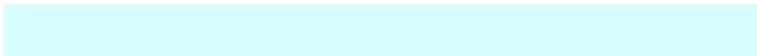
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.9327, 0.3136, 0.2924



95.9327, 0.3371, 0.3778



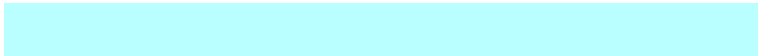
95.9327, 0.2683, 0.2866

Square

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



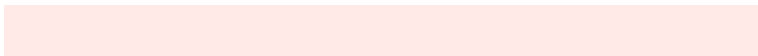
95.9327, 0.3371, 0.3778



95.9327, 0.2668, 0.3233



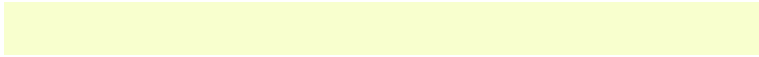
95.9327, 0.2872, 0.2840



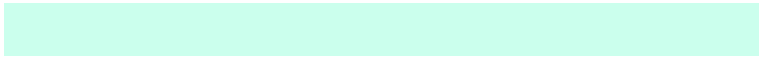
95.9327, 0.3608, 0.3317

Rectangle

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



95.9327, 0.3371, 0.3778



95.9327, 0.2923, 0.3572



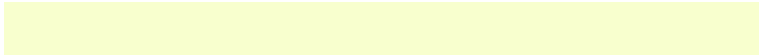
95.9327, 0.2872, 0.2840



95.9327, 0.3321, 0.3030

Sweetspot

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



95.9233, 0.3371, 0.3778



98.6384, 0.3202, 0.3438



73.0683, 0.3495, 0.3358



21.0820, 0.3211, 0.3454



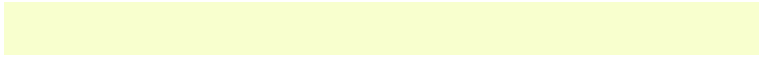
0.0000, 0.0000, 0.0000



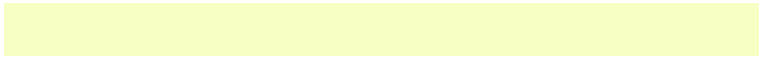
21.4041, 0.3127, 0.3290

Same Dimension

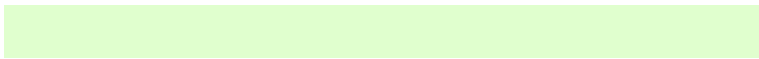
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.9233, 0.3371, 0.3778



95.2161, 0.3419, 0.3877



91.8176, 0.3215, 0.3802



20.9505, 0.3247, 0.3526



45.2351, 0.3941, 0.5253



4.4390, 0.3972, 0.5229

Inverse Universe

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



65.5137, 0.2854, 0.2767



59.8069, 0.2792, 0.2651



69.3706, 0.3021, 0.2792



17.5031, 0.3001, 0.3046



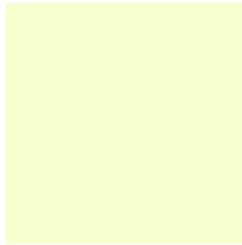
4.0127, 0.1556, 0.0631



0.4265, 0.1640, 0.0677

Previews

White Background



This preview shows how the Yxy color 95.9327, 0.3371, 0.3778 looks on a white background.

Color Contrast Check

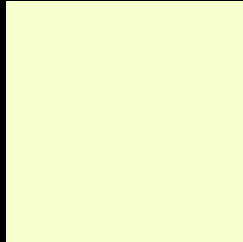
Large Text (above 18pt) WCAG AA × Fail

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 95.9327, 0.3371, 0.3778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

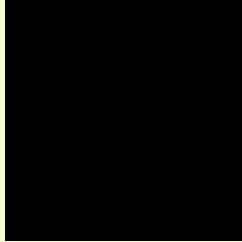
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.9327, 0.3371, 0.3778

Background



This preview shows how black text looks on a background with the Yxy color 95.9327, 0.3371, 0.3778.



This preview shows how white text looks on a background with the Yxy color 95.9327, 0.3371, 0.3778.

Color Blindness Simulation

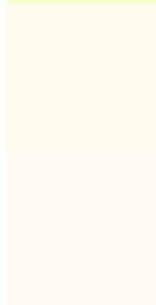
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



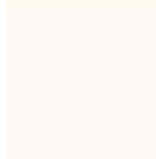
Original Color

95.9327, 0.3371, 0.3778



Protanopia

95.7456, 0.3236, 0.3416



Deuteranopia

95.6652, 0.3183, 0.3319

Tritanopia

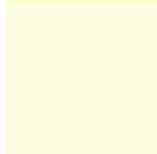
95.6668, 0.3111, 0.3232

Trichromacy



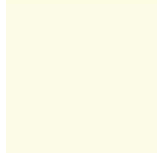
Original Color

95.9327, 0.3371, 0.3778



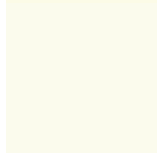
Protanomaly

95.8072, 0.3281, 0.3545



Deuteranomaly

95.4593, 0.3252, 0.3486



Tritanomaly

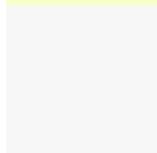
95.6180, 0.3210, 0.3427

Monochromacy



Original Color

95.9327, 0.3371, 0.3778



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

93.9716, 0.3215, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.9327, 0.3371, 0.3778 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(248, 255, 206)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 206)  
}
```

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(248, 255, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 206) }
```

Border

The CSS property to change the border of an element to Yxy 95.9327, 0.3371, 0.3778 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(248, 255, 206) }
```

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

```
.border{ border-color:rgb(248, 255, 206) }
```

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

Here you see how a box with a 4 pixel rgb(248, 255, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 206);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 95.9327, 0.3371, 0.3778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 206) }
```

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

```
.background{ background-color: rgb(248,  
255, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor