

Converting Colors

$Yxy(95.8687, 0.3343, 0.3745)$

Have a look what the booklet for
Yxy(95.8687, 0.3343, 0.3745)
contains.

Yxy(95.8976, 0.3347, 0.3748)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(95.8976, 0.3347, 0.3748)

Conversions

Conversions Part 1

Format	Color
Hex	F7FFD1
RGB	247, 255, 209
RGB Percent	97%, 100%, 82%
CMY	0.0312, 0.0000, 0.1803
CMYK	0.03, 0.00, 0.18, 0.00
HSL	70°, 100%, 91%
HSV	70°, 18%, 100%
XYZ	85.6375, 95.8976, 74.3283
YIQ	247.3640, 9.9980, -16.0020

Conversions

Conversions Part 2

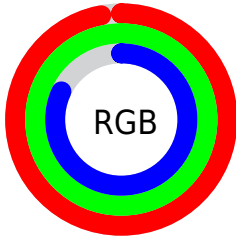
Format	Color
R _Y B	209, 255, 217
Decimal	16252881
CIE Lab	98.39, -10.14, 21.13
CIE LCh	98, 23.435, 115.647
Yxy	95.8976, 0.3347, 0.3748
Android (android.graphics.Color)	4294442961 (0xFFFF7FFD1)
YUV	247.3640, -18.9135, -0.3192
Hunter-Lab	97.9273, -15.2745, 23.5471

Details

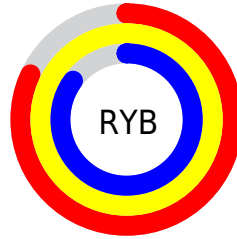
The Yxy color **95.8976, 0.3347, 0.3748** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.5773, 0.2882, 0.2804**, and the grayscale version is **93.4821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.6684, 0.3391, 0.3851** is the 20% darker color. If you saturate the color by 10%, you get **93.9449, 0.3469, 0.4013**, and if you desaturate by 10%, it is **98.0799, 0.3224, 0.3489**.

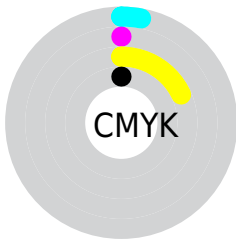
Distribution



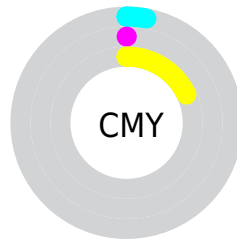
- Red (97%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (85%)



- Cyan (3%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)




- Cyan (3%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.8976, 0.3347, 0.3748 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 95.8976, 0.3347, 0.3748 by changing the saturation by 10% instead.

 95.8976, 0.3347,
0.3748

 95.8976, 0.3347,
0.3748


547.0346, 0.3252,
0.3543

 72.8823, 0.3367,
0.3793


155.5041, 0.3316,
0.3678

 53.8797, 0.3391,
0.3848


192.8640, 0.3303,
0.3651

 38.5055, 0.3420,
0.3917


235.7743, 0.3292,
0.3627

 26.3753, 0.3456,
0.4004

284.6193, 0.3282,
0.3606

 17.1046, 0.3501,
0.4119

339.7835, 0.3273,
0.3587

 10.3091, 0.3559,
0.4276

401.6511, 0.3266,

 5.6044, 0.3635,

0.3571

0.4504

470.6067, 0.3259,
0.3556

■ 2.6060, 0.3744,
0.4872

■ 0.9297, 0.4060,
0.5940

■ 95.8976, 0.3347,
0.3748

■ 95.8976, 0.3347,
0.3748

■ 93.9449, 0.3469,
0.4013

■ 98.0799, 0.3224,
0.3489

■ 92.1995, 0.3585,
0.4278

99.9966, 0.3127,
0.3290

■ 90.6549, 0.3689,
0.4530

■ 89.2998, 0.3777,
0.4761

■ 88.1213, 0.3843,
0.4958

■ 87.1051, 0.3884,
0.5114

■ 86.2339, 0.3898,
0.5223

■ 85.4846, 0.3888,
0.5287

■ 85.3450, 0.3885,
0.5298

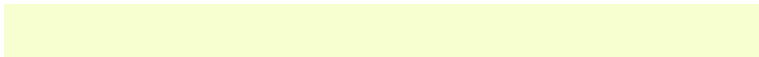
Harmonies

Analogous

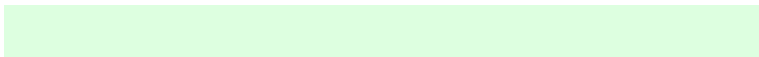
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.8976, 0.3550, 0.3695



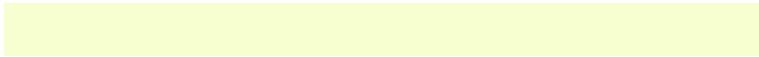
95.8976, 0.3347, 0.3748



95.8976, 0.3091, 0.3667

Triad

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



95.8976, 0.3347, 0.3748



95.8976, 0.2640, 0.3014



95.8976, 0.3402, 0.3115

Complementary

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



95.8976, 0.3347, 0.3748



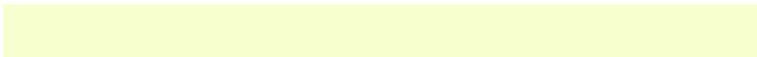
67.5773, 0.2882, 0.2804

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.



95.8976, 0.3147, 0.2950



95.8976, 0.3347, 0.3748



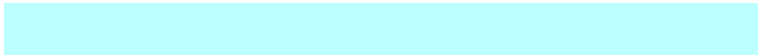
95.8976, 0.2714, 0.2887

Square

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



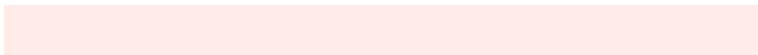
95.8976, 0.3347, 0.3748



95.8976, 0.2689, 0.3227



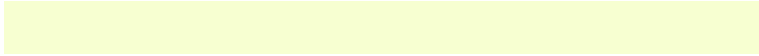
95.8976, 0.2897, 0.2867



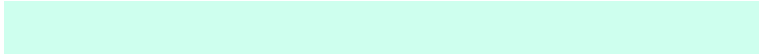
95.8976, 0.3584, 0.3325

Rectangle

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



95.8976, 0.3347, 0.3748



95.8976, 0.2925, 0.3545



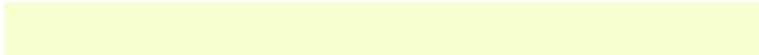
95.8976, 0.2897, 0.2867



95.8976, 0.3321, 0.3053

Sweetspot

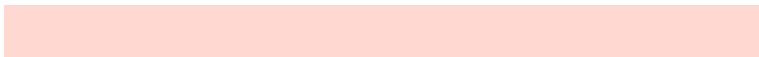
The Sweet Spot groups the original color and five complimentary colors.



95.9018, 0.3347, 0.3748



98.7897, 0.3187, 0.3413



75.3245, 0.3465, 0.3369



21.1097, 0.3196, 0.3431



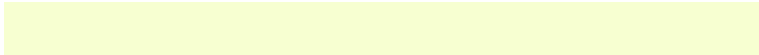
0.0000, 0.0000, 0.0000



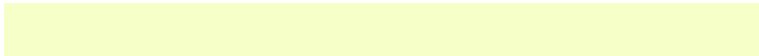
21.4041, 0.3127, 0.3290

Same Dimension

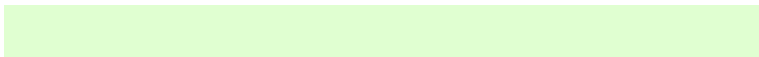
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.9018, 0.3347, 0.3748



95.1037, 0.3396, 0.3853



92.0231, 0.3200, 0.3770



20.9224, 0.3242, 0.3527



44.6550, 0.3890, 0.5293



4.3879, 0.3926, 0.5264

Inverse Universe

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



67.5773, 0.2882, 0.2804



61.5193, 0.2820, 0.2684



71.2967, 0.3039, 0.2826



17.5288, 0.3006, 0.3046



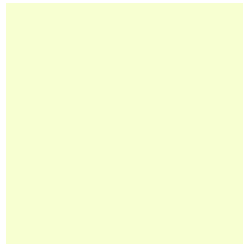
4.0976, 0.1576, 0.0642



0.4387, 0.1667, 0.0692

Previews

White Background



This preview shows how the Yxy color 95.8976, 0.3347, 0.3748 looks on a white background.

Color Contrast Check

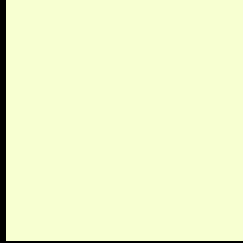
Large Text (above 18pt) WCAG AA × Fail

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 95.8976, 0.3347, 0.3748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

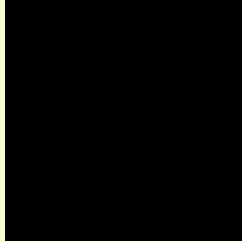
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

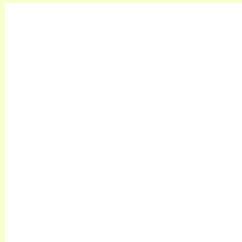
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.8976, 0.3347, 0.3748

Background



This preview shows how black text looks on a background with the Yxy color 95.8976, 0.3347, 0.3748.

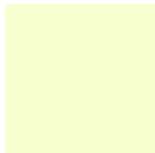


This preview shows how white text looks on a background with the Yxy color 95.8976, 0.3347, 0.3748.

Color Blindness Simulation

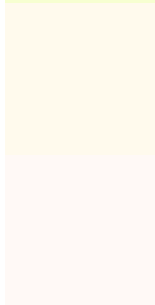
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.8976, 0.3347, 0.3748



Protanopia

95.7456, 0.3236, 0.3416

Deuteranopia

95.6652, 0.3183, 0.3319

Tritanopia

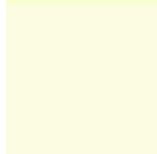
95.6668, 0.3111, 0.3232

Trichromacy



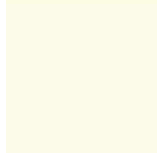
Original Color

95.8976, 0.3347, 0.3748



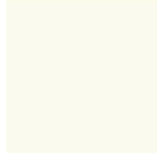
Protanomaly

95.8623, 0.3275, 0.3535



Deuteranomaly

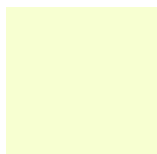
95.5730, 0.3240, 0.3466



Tritanomaly

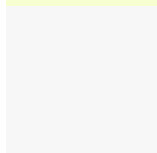
95.4914, 0.3197, 0.3417

Monochromacy



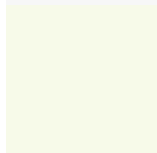
Original Color

95.8976, 0.3347, 0.3748



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

94.0286, 0.3209, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.8976, 0.3347, 0.3748 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(247, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 209)  
}
```

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(247, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 209) }
```

Border

The CSS property to change the border of an element to Yxy 95.8976, 0.3347, 0.3748 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(247, 255, 209) }
```

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

```
.border{ border-color:rgb(247, 255, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 255, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 255, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 255, 209); box-shadow:4px 4px 4px 4px rgb(247, 255, 209) }
```


Background

The CSS property to change the background color of an element to Yxy 95.8976, 0.3347, 0.3748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 209) }
```

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

```
.background{ background-color: rgb(247,  
255, 209) }
```

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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