

Converting Colors

$Y_{xy}(115.5510, 0.3461, 0.4208)$

Have a look what the booklet for
Yxy(115.5510, 0.3461, 0.4208)
contains.

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Color

Yxy(95.9478, 0.3524, 0.3972)

Conversions

Conversions Part 1

Format	Color
Hex	FDFFB8
RGB	253, 255, 186
RGB Percent	99%, 100%, 73%
CMY	0.0079, 0.0000, 0.2706
CMYK	0.01, 0.00, 0.27, 0.00
HSL	62°, 100%, 86%
HSV	62°, 27%, 100%
XYZ	85.1259, 95.9478, 60.4867
YIQ	246.5360, 20.9570, -21.8830

Conversions

Conversions Part 2

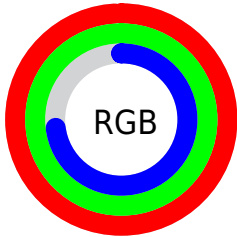
Format	Color
R _Y B	186, 255, 188
Decimal	16646074
CIE Lab	98.41, -11.19, 32.85
CIE LCh	98, 34.705, 108.815
Yxy	95.9478, 0.3524, 0.3972
Android (android.graphics.Color)	4294836154 (0xFFFDFFBA)
YUV	246.5360, -29.8442, 5.6689
Hunter-Lab	97.9529, -16.2924, 31.9550

Details

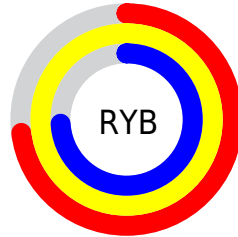
The Yxy color **95.9478, 0.3524, 0.3972** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **53.0320, 0.2667, 0.2510**, and the grayscale version is **92.8442, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **53.7899, 0.3607, 0.4117** is the 20% darker color. If you saturate the color by 10%, you get **94.8153, 0.3667, 0.4221**, and if you desaturate by 10%, it is **97.2678, 0.3376, 0.3717**.

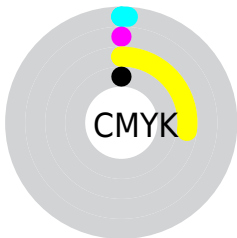
Distribution



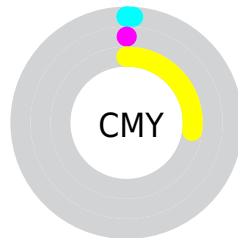
- Red (99%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (74%)



- Cyan (1%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)




- Cyan (1%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.9478, 0.3524, 0.3972 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 95.9478, 0.3524, 0.3972 by changing the saturation by 10% instead.


 95.9478, 0.3524,
0.3972

 95.9478, 0.3524,
0.3972


547.1948, 0.3355,
0.3668

 72.9241, 0.3559,
0.4038

 155.5734, 0.3468,
0.3869

 53.9139, 0.3601,
0.4119


192.9440, 0.3446,
0.3828

 38.5328, 0.3650,
0.4218


235.8658, 0.3426,
0.3793

 26.3965, 0.3710,
0.4343

284.7230, 0.3408,
0.3761

 17.1205, 0.3784,
0.4504

339.9001, 0.3393,
0.3734

 10.3204, 0.3872,
0.4718

401.7816, 0.3379,

 5.6119, 0.3974,

0.3709

0.5010

470.7517, 0.3366,
0.3687

■ 2.6106, 0.4289,
0.5711

■ 0.9320, 0.3963,
0.6037

■ 95.9478, 0.3524,
0.3972

■ 95.9478, 0.3524,
0.3972

■ 94.8153, 0.3667,
0.4221

■ 97.2678, 0.3376,
0.3717

■ 93.8698, 0.3800,
0.4453

■ 98.7948, 0.3229,
0.3464

■ 93.0969, 0.3916,
0.4660

100.0000, 0.3127,
0.3290

■ 92.4840, 0.4010,
0.4830

■ 92.0170, 0.4079,
0.4959

■ 91.6792, 0.4122,
0.5043

■ 91.4494, 0.4139,
0.5086

■ 91.3930, 0.4141,
0.5094

Harmonies

Analogous

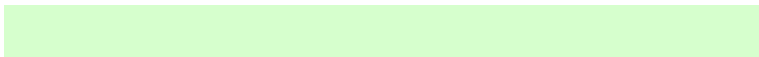
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.9478, 0.3798, 0.3836



95.9478, 0.3524, 0.3972



95.9478, 0.3154, 0.3906

Triad

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



95.9478, 0.3524, 0.3972



95.9478, 0.2421, 0.2936



95.9478, 0.3451, 0.2971

Complementary

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



95.9478, 0.3524, 0.3972



53.0320, 0.2667, 0.2510

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.



95.9478, 0.3063, 0.2761



95.9478, 0.3524, 0.3972



95.9478, 0.2487, 0.2727

Square

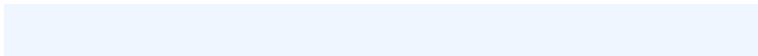
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.9478, 0.3524, 0.3972



95.9478, 0.2528, 0.3270



95.9478, 0.2715, 0.2670



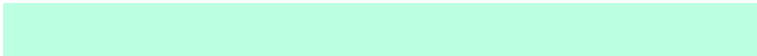
95.9478, 0.3760, 0.3260

Rectangle

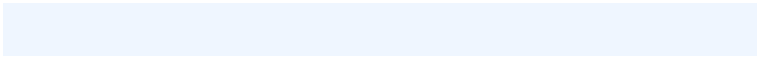
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.9478, 0.3524, 0.3972



95.9478, 0.2905, 0.3746



95.9478, 0.2715, 0.2670



95.9478, 0.3324, 0.2890

Sweetspot

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



95.9445, 0.3524, 0.3972



98.6421, 0.3243, 0.3487



60.4099, 0.3714, 0.3304



21.0621, 0.3265, 0.3525



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

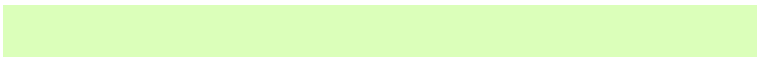
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.9445, 0.3524, 0.3972



95.3629, 0.3596, 0.4096



90.1797, 0.3300, 0.4024



21.0621, 0.3265, 0.3525



47.7669, 0.4142, 0.5093



4.6591, 0.4149, 0.5088

Inverse Universe

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



53.0320, 0.2667, 0.2510



46.4660, 0.2568, 0.2343



57.8127, 0.2907, 0.2561



17.4031, 0.2983, 0.3044



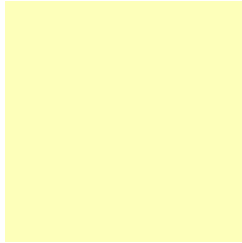
3.8087, 0.1509, 0.0605



0.3794, 0.1529, 0.0616

Previews

White Background



This preview shows how the Yxy color 95.9478, 0.3524, 0.3972 looks on a white background.

Color Contrast Check

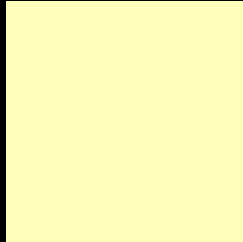
Large Text (above 18pt) WCAG AA × Fail

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 95.9478, 0.3524, 0.3972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

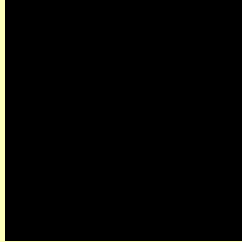
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.9478, 0.3524, 0.3972

Background



This preview shows how black text looks on a background with the Yxy color 95.9478, 0.3524, 0.3972.

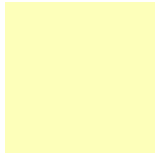


This preview shows how white text looks on a background with the Yxy color 95.9478, 0.3524, 0.3972.

Color Blindness Simulation

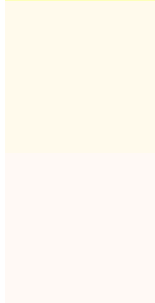
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.9478, 0.3524, 0.3972



Protanopia

95.6873, 0.3243, 0.3426

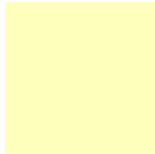
Deuteranopia

95.6039, 0.3189, 0.3329

Tritanopia

96.2314, 0.3130, 0.3233

Trichromacy



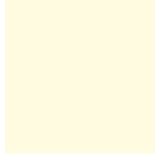
Original Color

95.9478, 0.3524, 0.3972



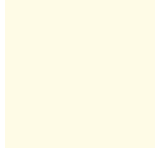
Protanomaly

95.7536, 0.3343, 0.3624



Deuteranomaly

95.4470, 0.3308, 0.3554



Tritanomaly

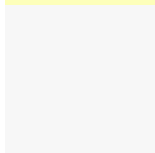
95.7784, 0.3271, 0.3495

Monochromacy



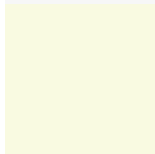
Original Color

95.9478, 0.3524, 0.3972



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

93.9472, 0.3270, 0.3537

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.9478, 0.3524, 0.3972 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(253, 255, 186)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 186)  
}
```

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(253, 255, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 186) }
```

Border

The CSS property to change the border of an element to Yxy 95.9478, 0.3524, 0.3972 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(253, 255, 186) }
```

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

```
.border{ border-color:rgb(253, 255, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 255, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 186);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 95.9478, 0.3524, 0.3972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 255, 186) }
```

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

```
.background{ background-color: rgb(253,  
255, 186) }
```

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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