

Converting Colors

$Y_{xy}(100.0000, 0.3776, 0.4016)$

Have a look what the booklet for
Yxy(100.0000, 0.3776, 0.4016)
contains.

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Color

Yxy(95.2388, 0.3605, 0.4067)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFFEAF |
| RGB | 255, 254, 175 |
| RGB Percent | 100%, 100%, 69% |
| CMY | 0.0001, 0.0039, 0.3135 |
| CMYK | 0.00, 0.00, 0.31, 0.00 |
| HSL | 59°, 100%, 84% |
| HSV | 59°, 31%, 100% |
| XYZ | 84.4199, 95.2388, 54.5158 |
| YIQ | 245.2930, 25.9550, -24.3570 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 176, 255, 175 |
| Decimal | 16776879 |
| CIE _{Lab} | 98.13, -11.31, 37.96 |
| CIE _{LCh} | 98, 39.611, 106.592 |
| Yxy | 95.2388, 0.3605, 0.4067 |
| Android (android.graphics.Color) | 4294966959 (0xFFFFFEAF) |
| YUV | 245.2930, -34.6544, 8.5130 |
| Hunter-Lab | 97.5904, -16.3728, 35.1927 |

Details

The Yxy color **95.2388, 0.3605, 0.4067** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **47.4016, 0.2567, 0.2373**, and the grayscale version is **91.8320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **53.2080, 0.3693, 0.4225** is the 20% darker color. If you saturate the color by 10%, you get **94.1354, 0.3752, 0.4304**, and if you desaturate by 10%, it is **96.5404, 0.3452, 0.3818**.

Distribution



- Red (100%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (69%)



- Cyan (0%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)




- Cyan (0%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.2388, 0.3605, 0.4067 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 95.2388, 0.3605, 0.4067 by changing the saturation by 10% instead.


 95.2388, 0.3605,
0.4067

 95.2388, 0.3605,
0.4067


544.9292, 0.3402,
0.3721

 72.3337, 0.3647,
0.4142

 154.5945, 0.3538,
0.3950

 53.4314, 0.3696,
0.4232


191.8139, 0.3511,
0.3904

 38.1472, 0.3754,
0.4343


234.5735, 0.3488,
0.3863

 26.0970, 0.3823,
0.4482

283.2578, 0.3467,
0.3828

 16.8962, 0.3906,
0.4658

338.2511, 0.3448,
0.3797

 10.1605, 0.4002,
0.4887

399.9379, 0.3431,

 5.5055, 0.4109,

0.3769

0.5196

468.7024, 0.3416,
0.3744

■ 2.5468, 0.4278,
0.5722

■ 0.9000, 0.3916,
0.6084

■ 95.2388, 0.3605,
0.4067

■ 95.2388, 0.3605,
0.4067

■ 94.1354, 0.3752,
0.4304

■ 96.5404, 0.3452,
0.3818

■ 93.2065, 0.3886,
0.4521

■ 98.0370, 0.3298,
0.3568

■ 92.4447, 0.4002,
0.4706

■ 99.7421, 0.3147,
0.3322

■ 91.8369, 0.4094,
0.4852

■ 99.9976, 0.3127,
0.3290

■ 91.3680, 0.4160,
0.4954

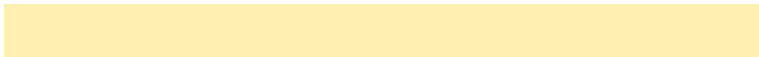
■ 91.0198, 0.4199,
0.5013

■ 90.7918, 0.4215,
0.5035

Harmonies

Analogous

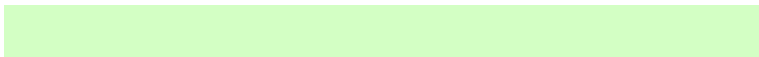
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.2388, 0.3908, 0.3890



95.2388, 0.3605, 0.4067



95.2388, 0.3186, 0.4016

Triad

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



95.2388, 0.3605, 0.4067



95.2388, 0.2329, 0.2906



95.2388, 0.3464, 0.2907

Complementary

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



95.2388, 0.3605, 0.4067



47.4016, 0.2567, 0.2373

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.



95.2388, 0.3019, 0.2679



95.2388, 0.3605, 0.4067



95.2388, 0.2389, 0.2660

Square

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



95.2388, 0.3605, 0.4067



95.2388, 0.2462, 0.3295



95.2388, 0.2632, 0.2587



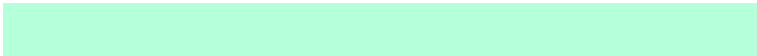
95.2388, 0.3833, 0.3226

Rectangle

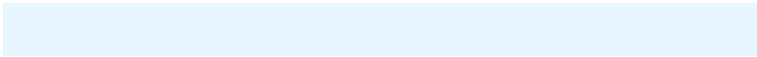
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.2388, 0.3605, 0.4067



95.2388, 0.2900, 0.3842



95.2388, 0.2632, 0.2587



95.2388, 0.3317, 0.2818

Sweetspot

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



95.2431, 0.3605, 0.4067



98.4297, 0.3262, 0.3509



55.0871, 0.3835, 0.3278



21.0171, 0.3284, 0.3546



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

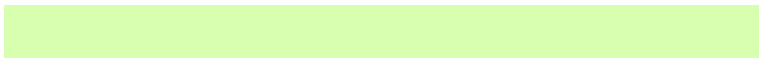
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.2431, 0.3605, 0.4067



94.4967, 0.3704, 0.4227



89.2615, 0.3342, 0.4148



21.0503, 0.3269, 0.3522



47.4636, 0.4215, 0.5036



4.6332, 0.4212, 0.5038

Inverse Universe

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



47.4016, 0.2567, 0.2373



39.3945, 0.2427, 0.2142



52.1480, 0.2844, 0.2430



17.4134, 0.2978, 0.3047



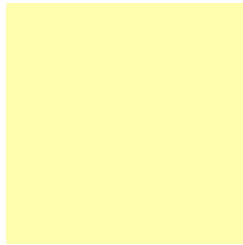
3.8235, 0.1502, 0.0607



0.3843, 0.1507, 0.0625

Previews

White Background



This preview shows how the Yxy color 95.2388, 0.3605, 0.4067 looks on a white background.

Color Contrast Check

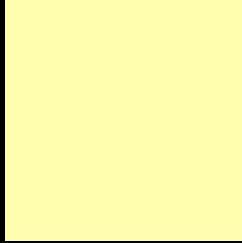
Large Text (above 18pt) WCAG AA × Fail

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 95.2388, 0.3605, 0.4067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

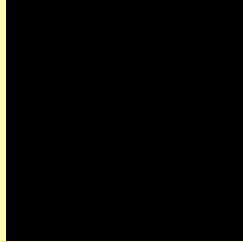
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.2388, 0.3605, 0.4067

Background



This preview shows how black text looks on a background with the Yxy color 95.2388, 0.3605, 0.4067.



This preview shows how white text looks on a background with the Yxy color 95.2388, 0.3605, 0.4067.

Color Blindness Simulation

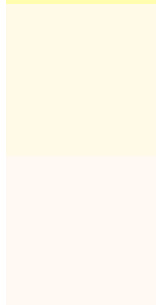
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.2388, 0.3605, 0.4067



Protanopia

95.4574, 0.3267, 0.3465

Deuteranopia

94.8659, 0.3202, 0.3338

Tritanopia

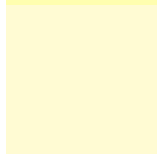
94.9373, 0.3137, 0.3223

Trichromacy



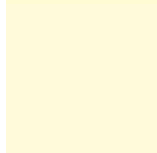
Original Color

95.2388, 0.3605, 0.4067



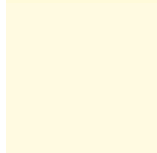
Protanomaly

94.9575, 0.3394, 0.3683



Deuteranomaly

94.6932, 0.3352, 0.3604



Tritanomaly

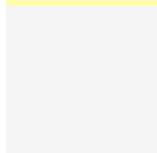
95.0675, 0.3309, 0.3534

Monochromacy



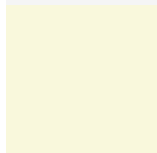
Original Color

95.2388, 0.3605, 0.4067



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.4418, 0.3303, 0.3569

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.2388, 0.3605, 0.4067 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(255, 254, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 175)  
}
```

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(255, 254, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 175) }
```

Border

The CSS property to change the border of an element to Yxy 95.2388, 0.3605, 0.4067 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(255, 254, 175) }
```

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

```
.border{ border-color:rgb(255, 254, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 254, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 95.2388, 0.3605, 0.4067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 175) }
```

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

```
.background{ background-color: rgb(255,  
254, 175) }
```

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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