

Converting Colors

$Y_{xy}(100.0000, 0.3745, 0.3996)$

Have a look what the booklet for
Yxy(100.0000, 0.3745, 0.3996)
contains.

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Color

Yxy(95.3580, 0.3588, 0.4038)

Conversions

Conversions Part 1

Format	Color
Hex	FFFEB2
RGB	255, 254, 178
RGB Percent	100%, 100%, 70%
CMY	0.0000, 0.0040, 0.3019
CMYK	0.00, 0.00, 0.30, 0.00
HSL	59°, 100%, 85%
HSV	59°, 30%, 100%
XYZ	84.7312, 95.3580, 56.0624
YIQ	245.6350, 24.9920, -23.4240

Conversions

Conversions Part 2

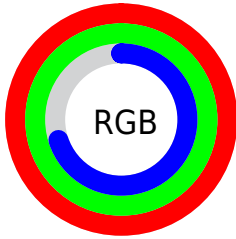
Format	Color
RYB	179, 255, 178
Decimal	16776882
CIELab	98.18, -10.93, 36.56
CIELCh	98, 38.154, 106.641
Yxy	95.3580, 0.3588, 0.4038
Android (android.graphics.Color)	4294966962 (0xFFFFFEB2)
YUV	245.6350, -33.3441, 8.2131
Hunter-Lab	97.6514, -16.0073, 34.3172

Details

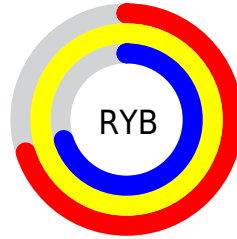
The Yxy color **95.3580, 0.3588, 0.4038** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **48.9324, 0.2591, 0.2413**, and the grayscale version is **92.1039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **53.2835, 0.3671, 0.4189** is the 20% darker color. If you saturate the color by 10%, you get **94.2105, 0.3736, 0.4277**, and if you desaturate by 10%, it is **96.6867, 0.3434, 0.3789**.

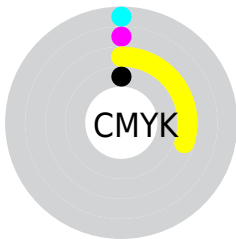
Distribution



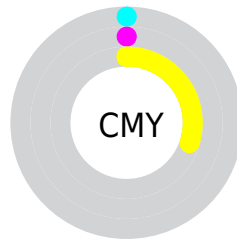
- Red (100%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (70%)



- Cyan (0%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.3580, 0.3588, 0.4038 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 95.3580, 0.3588, 0.4038 by changing the saturation by 10% instead.


 95.3580, 0.3588,
0.4038

 95.3580, 0.3588,
0.4038


545.3104, 0.3392,
0.3705

 72.4330, 0.3628,
0.4110

 154.7591, 0.3523,
0.3925

 53.5124, 0.3676,
0.4198


192.0040, 0.3497,
0.3881

 38.2120, 0.3733,
0.4305


234.7909, 0.3474,
0.3842

 26.1473, 0.3801,
0.4439

283.5043, 0.3454,
0.3808

 16.9339, 0.3883,
0.4610

338.5286, 0.3436,
0.3778

 10.1873, 0.3979,
0.4834


400.2481, 0.3420,


 5.5233, 0.4086,


0.3751


0.5133


469.0472, 0.3405,
0.3727

 2.5575, 0.4300,
0.5700


 0.9053, 0.3960,
0.6040


 95.3580, 0.3588,
0.4038


 95.3580, 0.3588,
0.4038

 94.2105, 0.3736,
0.4277


 96.6867, 0.3434,
0.3789

 93.2480, 0.3872,
0.4496

 98.2206, 0.3280,
0.3539

 92.4541, 0.3990,
0.4685

99.9642, 0.3130,
0.3295

 91.8158, 0.4085,
0.4836

100.0000, 0.3127,
0.3290

■ 91.3183, 0.4154,
0.4944

■ 90.9440, 0.4197,
0.5007

■ 90.6683, 0.4217,
0.5034

Harmonies

Analogous

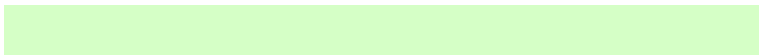
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.3580, 0.3879, 0.3870



95.3580, 0.3588, 0.4038



95.3580, 0.3184, 0.3987

Triad

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



95.3580, 0.3588, 0.4038



95.3580, 0.2356, 0.2921



95.3580, 0.3453, 0.2921

Complementary

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



95.3580, 0.3588, 0.4038



48.9324, 0.2591, 0.2413

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.



95.3580, 0.3025, 0.2700



95.3580, 0.3588, 0.4038



95.3580, 0.2415, 0.2682

Square

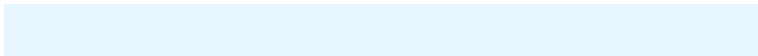
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.3580, 0.3588, 0.4038



95.3580, 0.2485, 0.3296



95.3580, 0.2650, 0.2611



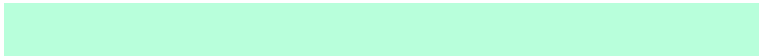
95.3580, 0.3806, 0.3230

Rectangle

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



95.3580, 0.3588, 0.4038



95.3580, 0.2909, 0.3819



95.3580, 0.2650, 0.2611



95.3580, 0.3311, 0.2835

Sweetspot

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



95.3532, 0.3588, 0.4038



98.4175, 0.3262, 0.3509



56.3703, 0.3800, 0.3279



21.0141, 0.3284, 0.3545



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

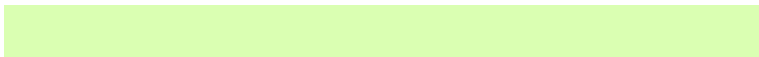
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.3532, 0.3588, 0.4038



94.6671, 0.3675, 0.4179



89.6073, 0.3335, 0.4113



21.0475, 0.3269, 0.3522



47.3948, 0.4216, 0.5034



4.6273, 0.4213, 0.5037

Inverse Universe

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



48.9324, 0.2591, 0.2413



41.7227, 0.2469, 0.2214



53.5444, 0.2856, 0.2464



17.4158, 0.2978, 0.3047



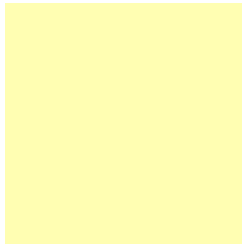
3.8270, 0.1502, 0.0608



0.3854, 0.1508, 0.0627

Previews

White Background



This preview shows how the Yxy color 95.3580, 0.3588, 0.4038 looks on a white background.

Color Contrast Check

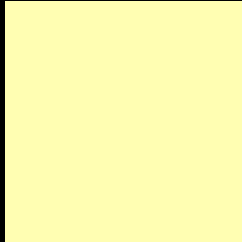
Large Text (above 18pt) WCAG AA × Fail

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 95.3580, 0.3588, 0.4038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

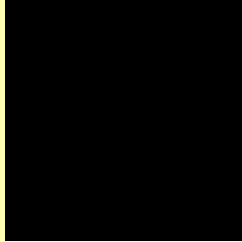
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.3580, 0.3588, 0.4038

Background



This preview shows how black text looks on a background with the Yxy color 95.3580, 0.3588, 0.4038.

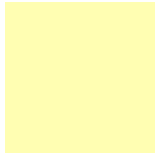


This preview shows how white text looks on a background with the Yxy color 95.3580, 0.3588, 0.4038.

Color Blindness Simulation

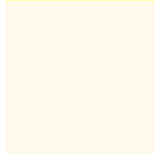
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



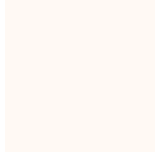
Original Color

95.3580, 0.3588, 0.4038



Protanopia

95.5144, 0.3261, 0.3455



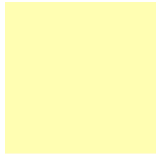
Deuteranopia

95.5430, 0.3195, 0.3338

Tritanopia

95.5506, 0.3136, 0.3233

Trichromacy



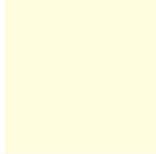
Original Color

95.3580, 0.3588, 0.4038



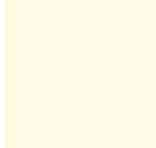
Protanomaly

95.0585, 0.3382, 0.3663



Deuteranomaly

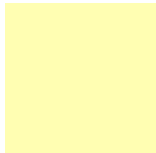
95.4217, 0.3339, 0.3594



Tritanomaly

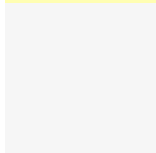
95.1222, 0.3303, 0.3525

Monochromacy



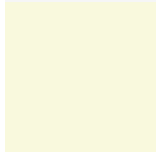
Original Color

95.3580, 0.3588, 0.4038



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

93.1116, 0.3295, 0.3568

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.3580, 0.3588, 0.4038 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 178) }
```

Border

The CSS property to change the border of an element to Yxy 95.3580, 0.3588, 0.4038 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, 178) }
```

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

```
.border{ border-color:rgb(255, 254, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 95.3580, 0.3588, 0.4038 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, 178) }
```

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

```
.background{ background-color: rgb(255,  
254, 178) }
```

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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