

Converting Colors

$Y_{xy}(95.1171, 0.3516, 0.4008)$

Have a look what the booklet for
Yxy(95.1171, 0.3516, 0.4008)
contains.

Yxy(95.0786, 0.3515, 0.4008)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(95.0786, 0.3515, 0.4008)

Conversions

Conversions Part 1

Format	Color
Hex	F9FFB7
RGB	249, 255, 183
RGB Percent	98%, 100%, 72%
CMY	0.0234, 0.0000, 0.2823
CMYK	0.02, 0.00, 0.28, 0.00
HSL	65°, 100%, 86%
HSV	65°, 28%, 100%
XYZ	83.3836, 95.0786, 58.7599
YIQ	244.9980, 19.5360, -23.6640

Conversions

Conversions Part 2

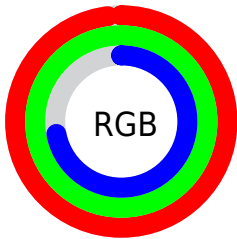
Format	Color
R_{YB}	183, 255, 189
Decimal	16383927
CIE _{Lab}	98.06, -13.01, 33.83
CIE _{LCh}	98, 36.248, 111.034
Yxy	95.0786, 0.3515, 0.4008
Android (android.graphics.Color)	4294574007 (0xFFFF9FFB7)
YUV	244.9980, -30.5650, 3.5098
Hunter-Lab	97.5083, -17.9963, 32.5268

Details

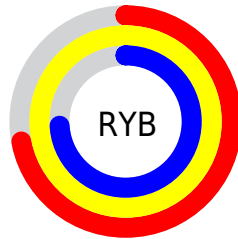
The Yxy color **95.0786, 0.3515, 0.4008** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **51.9049, 0.2671, 0.2477**, and the grayscale version is **91.5545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **53.1796, 0.3594, 0.4165** is the 20% darker color. If you saturate the color by 10%, you get **93.7294, 0.3647, 0.4262**, and if you desaturate by 10%, it is **96.6331, 0.3377, 0.3749**.

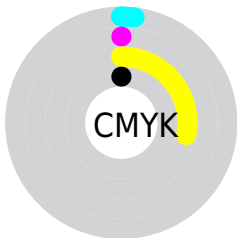
Distribution



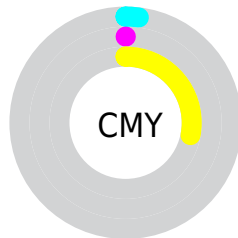
- Red (98%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (74%)



- Cyan (2%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)




- Cyan (2%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.0786, 0.3515, 0.4008 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 95.0786, 0.3515, 0.4008 by changing the saturation by 10% instead.


 95.0786, 0.3515,
0.4008

 95.0786, 0.3515,
0.4008


544.4166, 0.3350,
0.3686

 72.2004, 0.3549,
0.4079


 154.3732, 0.3461,
0.3899

 53.3224, 0.3589,
0.4164

191.5584, 0.3439,
0.3855

 38.0602, 0.3636,
0.4269


234.2813, 0.3420,
0.3818

 26.0294, 0.3694,
0.4403

282.9264, 0.3403,
0.3785

 16.8456, 0.3762,
0.4575

337.8781, 0.3387,
0.3756

 10.1245, 0.3843,
0.4804

399.5208, 0.3374,

 5.4816, 0.3931,

0.3730

0.5118

468.2388, 0.3362,
0.3707

■ 2.5325, 0.4185,
0.5815

■ 0.8929, 0.3729,
0.6271

■ 95.0786, 0.3515,
0.4008

■ 95.0786, 0.3515,
0.4008

■ 93.7294, 0.3647,
0.4262

■ 96.6331, 0.3377,
0.3749

■ 92.5622, 0.3768,
0.4500

■ 98.3896, 0.3239,
0.3494

■ 91.5699, 0.3873,
0.4713

99.9976, 0.3127,
0.3290

■ 90.7400, 0.3955,
0.4890

■ 90.0578, 0.4011,
0.5025

■ 89.5065, 0.4041,
0.5115

■ 89.0625, 0.4046,
0.5163

■ 88.9893, 0.4046,
0.5169

Harmonies

Analogous

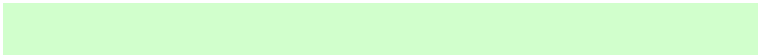
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.0786, 0.3813, 0.3877



95.0786, 0.3515, 0.4008



95.0786, 0.3124, 0.3924

Triad

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



95.0786, 0.3515, 0.4008



95.0786, 0.2388, 0.2897



95.0786, 0.3494, 0.2977

Complementary

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



95.0786, 0.3515, 0.4008



51.9049, 0.2671, 0.2477

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.



95.0786, 0.3089, 0.2750



95.0786, 0.3515, 0.4008



95.0786, 0.2470, 0.2691

Square

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



95.0786, 0.3515, 0.4008



95.0786, 0.2486, 0.3239



95.0786, 0.2719, 0.2645



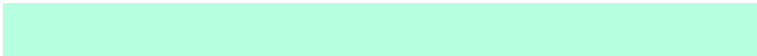
95.0786, 0.3808, 0.3282

Rectangle

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



95.0786, 0.3515, 0.4008



95.0786, 0.2866, 0.3746



95.0786, 0.2719, 0.2645



95.0786, 0.3363, 0.2890

Sweetspot

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



95.0829, 0.3515, 0.4008



98.4360, 0.3236, 0.3488



60.5626, 0.3737, 0.3342



21.0097, 0.3256, 0.3526



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

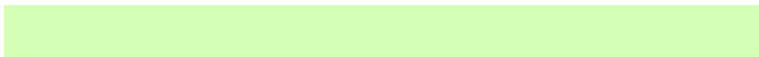
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.0829, 0.3515, 0.4008



94.2818, 0.3592, 0.4156



89.2635, 0.3283, 0.4065



21.0097, 0.3256, 0.3526



46.5323, 0.4049, 0.5167



4.5524, 0.4066, 0.5154

Inverse Universe

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



51.9049, 0.2671, 0.2477



44.5058, 0.2559, 0.2283



56.9055, 0.2922, 0.2533



17.4496, 0.2991, 0.3045



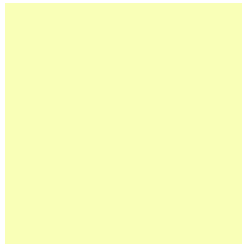
3.8814, 0.1526, 0.0614



0.4014, 0.1581, 0.0645

Previews

White Background



This preview shows how the Yxy color 95.0786, 0.3515, 0.4008 looks on a white background.

Color Contrast Check

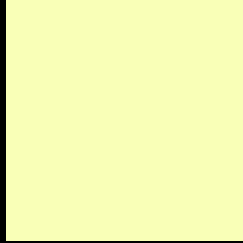
Large Text (above 18pt) WCAG AA × Fail

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 95.0786, 0.3515, 0.4008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

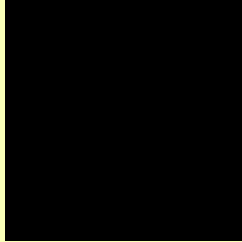
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.0786, 0.3515, 0.4008

Background



This preview shows how black text looks on a background with the Yxy color 95.0786, 0.3515, 0.4008.



This preview shows how white text looks on a background with the Yxy color 95.0786, 0.3515, 0.4008.

Color Blindness Simulation

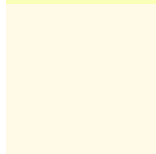
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



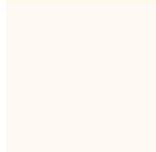
Original Color

95.0786, 0.3515, 0.4008



Protanopia

94.8376, 0.3268, 0.3456



Deuteranopia

94.8659, 0.3202, 0.3338

Tritanopia

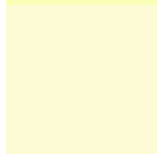
95.2374, 0.3118, 0.3223

Trichromacy



Original Color

95.0786, 0.3515, 0.4008



Protanomaly

94.7320, 0.3362, 0.3655



Deuteranomaly

95.0975, 0.3319, 0.3585



Tritanomaly

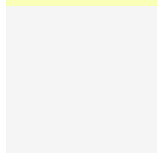
95.3470, 0.3264, 0.3506

Monochromacy



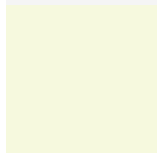
Original Color

95.0786, 0.3515, 0.4008



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.6181, 0.3269, 0.3560

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.0786, 0.3515, 0.4008 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(249, 255, 183)` looks like.

```
.text, #text, p{  
    color:rgb(249, 255, 183)  
}
```

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(249, 255, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 183) }
```

Border

The CSS property to change the border of an element to Yxy 95.0786, 0.3515, 0.4008 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(249, 255, 183) }
```

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

```
.border{ border-color:rgb(249, 255, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 255, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 183);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 95.0786, 0.3515, 0.4008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 255, 183) }
```

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

```
.background{ background-color: rgb(249,  
255, 183) }
```

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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