

Converting Colors

$Yxy(95.6652, 0.3584, 0.4037)$

Have a look what the booklet for
Yxy(95.6652, 0.3584, 0.4037)
contains.

Yxy(95.3983, 0.3582, 0.4029)	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(95.3983, 0.3582, 0.4029)

Conversions

Conversions Part 1

Format	Color
Hex	FFFEB3
RGB	255, 254, 179
RGB Percent	100%, 100%, 70%
CMY	0.0000, 0.0039, 0.2982
CMYK	0.00, 0.00, 0.30, 0.00
HSL	59°, 100%, 85%
HSV	59°, 30%, 100%
XYZ	84.8143, 95.3983, 56.5665
YIQ	245.7490, 24.6710, -23.1130

Conversions

Conversions Part 2

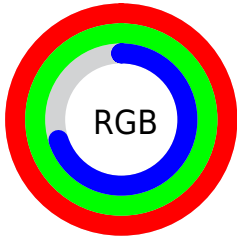
Format	Color
R_{YB}	180, 255, 179
Decimal	16776883
CIE _{Lab}	98.19, -10.84, 36.10
CIE _{LCh}	98, 37.696, 106.710
Yxy	95.3983, 0.3582, 0.4029
Android (android.graphics.Color)	4294966963 (0xFFFFFEB3)
YUV	245.7490, -32.9073, 8.1131
Hunter-Lab	97.6721, -15.9243, 34.0328

Details

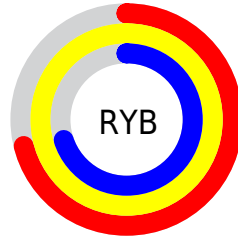
The Yxy color **95.3983, 0.3582, 0.4029** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **49.4184, 0.2599, 0.2426**, and the grayscale version is **92.2013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **53.3092, 0.3664, 0.4177** is the 20% darker color. If you saturate the color by 10%, you get **94.2545, 0.3730, 0.4269**, and if you desaturate by 10%, it is **96.7419, 0.3428, 0.3780**.

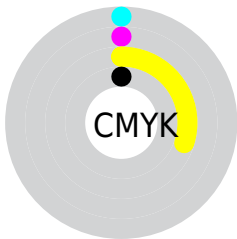
Distribution



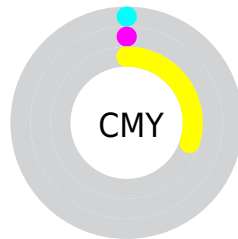
- Red (100%)
- Green (100%)
- Blue (70%)



- Red (71%)
- 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 95.3983, 0.3582, 0.4029 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 95.3983, 0.3582, 0.4029 by changing the saturation by 10% instead.


 95.3983, 0.3582,
0.4029

 95.3983, 0.3582,
0.4029


545.4393, 0.3388,
0.3700

 72.4665, 0.3622,
0.4100


 154.8148, 0.3518,
0.3918

 53.5399, 0.3669,
0.4187


192.0682, 0.3492,
0.3874

 38.2339, 0.3725,
0.4293


234.8644, 0.3470,
0.3835

 26.1643, 0.3793,
0.4425

283.5876, 0.3450,
0.3801

 16.9466, 0.3874,
0.4595

338.6223, 0.3432,
0.3772

 10.1964, 0.3971,
0.4818

400.3529, 0.3416,

 5.5294, 0.4077,

0.3745

0.5114

469.1638, 0.3401,
0.3721

■ 2.5611, 0.4305,
0.5695

■ 0.9071, 0.3971,
0.6029

■ 95.3983, 0.3582,
0.4029

■ 95.3983, 0.3582,
0.4029

■ 94.2545, 0.3730,
0.4269

■ 96.7419, 0.3428,
0.3780

■ 93.2869, 0.3867,
0.4489

■ 98.2820, 0.3274,
0.3530

■ 92.4884, 0.3986,
0.4679

99.9997, 0.3127,
0.3290

■ 91.8461, 0.4082,
0.4831

■ 91.3451, 0.4152,
0.4941

■ 90.9680, 0.4195,
0.5006

■ 90.6866, 0.4216,
0.5034

■ 90.6818, 0.4216,
0.5034

Harmonies

Analogous

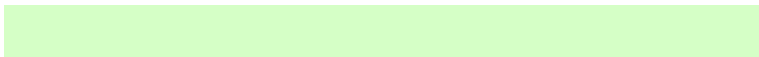
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.3983, 0.3870, 0.3864



95.3983, 0.3582, 0.4029



95.3983, 0.3183, 0.3978

Triad

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



95.3983, 0.3582, 0.4029



95.3983, 0.2365, 0.2925



95.3983, 0.3450, 0.2925

Complementary

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



95.3983, 0.3582, 0.4029



49.4184, 0.2599, 0.2426

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.



95.3983, 0.3027, 0.2706



95.3983, 0.3582, 0.4029



95.3983, 0.2423, 0.2689

Square

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



95.3983, 0.3582, 0.4029



95.3983, 0.2492, 0.3295



95.3983, 0.2657, 0.2618



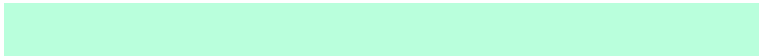
95.3983, 0.3799, 0.3232

Rectangle

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



95.3983, 0.3582, 0.4029



95.3983, 0.2911, 0.3812



95.3983, 0.2657, 0.2618



95.3983, 0.3310, 0.2840

Sweetspot

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



95.4026, 0.3582, 0.4029



98.4188, 0.3262, 0.3509



56.7866, 0.3788, 0.3279



21.0144, 0.3284, 0.3545



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

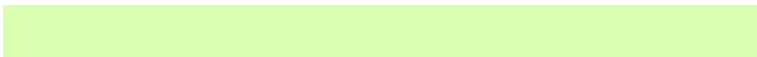
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.4026, 0.3582, 0.4029



94.6724, 0.3675, 0.4179



89.7152, 0.3332, 0.4102



21.0478, 0.3269, 0.3522



47.4023, 0.4216, 0.5034



4.6279, 0.4213, 0.5037

Inverse Universe

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



49.4184, 0.2599, 0.2426



41.7196, 0.2469, 0.2214



53.9971, 0.2860, 0.2475



17.4156, 0.2978, 0.3047



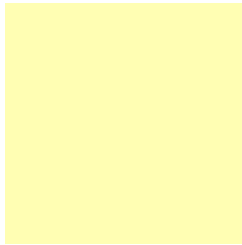
3.8266, 0.1502, 0.0608



0.3853, 0.1507, 0.0626

Previews

White Background



This preview shows how the Yxy color 95.3983, 0.3582, 0.4029 looks on a white background.

Color Contrast Check

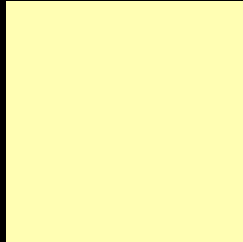
Large Text (above 18pt) WCAG AA × Fail

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 95.3983, 0.3582, 0.4029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

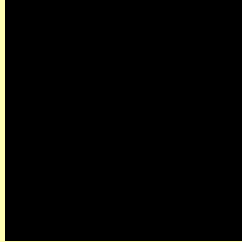
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.3983, 0.3582, 0.4029

Background



This preview shows how black text looks on a background with the Yxy color 95.3983, 0.3582, 0.4029.



This preview shows how white text looks on a background with the Yxy color 95.3983, 0.3582, 0.4029.

Color Blindness Simulation

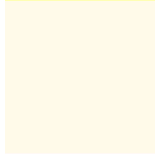
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



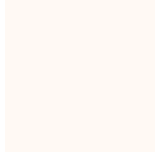
Original Color

95.3983, 0.3582, 0.4029



Protanopia

95.5144, 0.3261, 0.3455



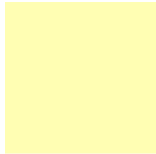
Deuteranopia

95.5430, 0.3195, 0.3338

Tritanopia

95.5506, 0.3136, 0.3233

Trichromacy



Original Color

95.3983, 0.3582, 0.4029



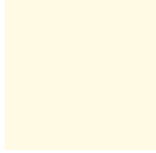
Protanomaly

95.0585, 0.3382, 0.3663



Deuteranomaly

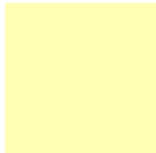
95.4217, 0.3339, 0.3594



Tritanomaly

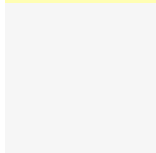
95.1773, 0.3297, 0.3515

Monochromacy



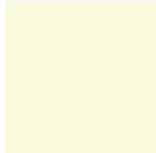
Original Color

95.3983, 0.3582, 0.4029



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

93.1650, 0.3289, 0.3558

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.3983, 0.3582, 0.4029 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 179) }
```

Border

The CSS property to change the border of an element to Yxy 95.3983, 0.3582, 0.4029 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, 179) }
```

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

```
.border{ border-color:rgb(255, 254, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 254, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 254, 179); box-shadow:4px 4px 4px 4px rgb(255, 254, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 95.3983, 0.3582, 0.4029 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, 179) }
```

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

```
.background{ background-color: rgb(255,  
254, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor