

Converting Colors

Yxy(141.5587, 0.3429, 0.4527)

Have a look what the booklet for
Yxy(141.5587, 0.3429, 0.4527)
contains.

Yxy(95.6170, 0.3571, 0.4051)	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(95.6170, 0.3571, 0.4051)

Conversions

Conversions Part 1

Format	Color
Hex	FDFFB2
RGB	253, 255, 178
RGB Percent	99%, 100%, 70%
CMY	0.0081, 0.0000, 0.3020
CMYK	0.01, 0.00, 0.30, 0.00
HSL	62°, 100%, 85%
HSV	62°, 30%, 100%
XYZ	84.2874, 95.6170, 56.1287
YIQ	245.6240, 23.5250, -24.3710

Conversions

Conversions Part 2

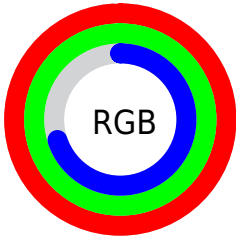
Format	Color
RYB	178, 255, 180
Decimal	16646066
CIELab	98.28, -12.21, 36.67
CIElCh	98, 38.651, 108.420
Yxy	95.6170, 0.3571, 0.4051
Android (android.graphics.Color)	4294836146 (0xFFFDFFB2)
YUV	245.6240, -33.3386, 6.4688
Hunter-Lab	97.7839, -17.2592, 34.4159

Details

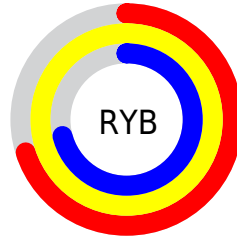
The Yxy color **95.6170, 0.3571, 0.4051** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **48.7681, 0.2604, 0.2405**, and the grayscale version is **92.0832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **53.4709, 0.3649, 0.4205** is the 20% darker color. If you saturate the color by 10%, you get **94.5473, 0.3712, 0.4295**, and if you desaturate by 10%, it is **96.8552, 0.3424, 0.3797**.

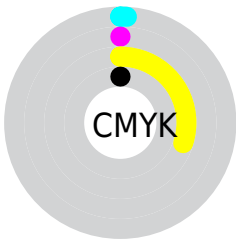
Distribution



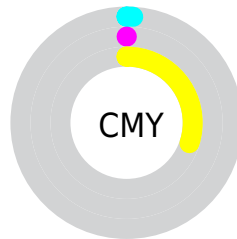
- Red (99%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (71%)



- Cyan (1%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.6170, 0.3571, 0.4051 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 95.6170, 0.3571, 0.4051 by changing the saturation by 10% instead.

 95.6170, 0.3571,
0.4051

 95.6170, 0.3571,
0.4051

546.1384, 0.3383,
0.3711

 72.6486, 0.3610,
0.4125


 155.1167, 0.3509,
0.3936

 53.6887, 0.3655,
0.4214


192.4169, 0.3484,
0.3891

 38.3528, 0.3709,
0.4324

235.2631, 0.3462,
0.3851

 26.2566, 0.3773,
0.4461

284.0397, 0.3443,
0.3816

 17.0157, 0.3850,
0.4637

339.1311, 0.3425,
0.3785

 10.2457, 0.3940,
0.4868

400.9218, 0.3410,

 5.5622, 0.4036,

0.3758

0.5178

469.7961, 0.3396,
0.3734

■ 2.5807, 0.4232,
0.5768

■ 0.9170, 0.3846,
0.6154

■ 95.6170, 0.3571,
0.4051

■ 95.6170, 0.3571,
0.4051

■ 94.5473, 0.3712,
0.4295

■ 96.8552, 0.3424,
0.3797

■ 93.6690, 0.3841,
0.4520

■ 98.3052, 0.3275,
0.3543

■ 92.9594, 0.3951,
0.4716

■ 99.9649, 0.3130,
0.3295

■ 92.4055, 0.4038,
0.4873

■ 100.0000, 0.3127,
0.3290

■ 91.9925, 0.4099,
0.4988

■ 91.7027, 0.4134,
0.5057

■ 91.5101, 0.4146,
0.5090

Harmonies

Analogous

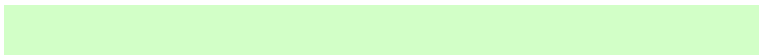
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.6170, 0.3876, 0.3891



95.6170, 0.3571, 0.4051



95.6170, 0.3159, 0.3985

Triad

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



95.6170, 0.3571, 0.4051



95.6170, 0.2346, 0.2897



95.6170, 0.3481, 0.2933

Complementary

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



95.6170, 0.3571, 0.4051



48.7681, 0.2604, 0.2405

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.



95.6170, 0.3048, 0.2703



95.6170, 0.3571, 0.4051



95.6170, 0.2416, 0.2666

Square

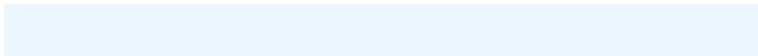
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.6170, 0.3571, 0.4051



95.6170, 0.2465, 0.3270



95.6170, 0.2664, 0.2604



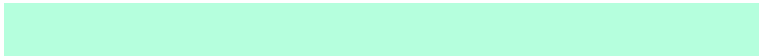
95.6170, 0.3831, 0.3249

Rectangle

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



95.6170, 0.3571, 0.4051



95.6170, 0.2882, 0.3807



95.6170, 0.2664, 0.2604



95.6170, 0.3339, 0.2844

Sweetspot

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



95.6058, 0.3571, 0.4051



98.4929, 0.3258, 0.3512



56.8258, 0.3807, 0.3306



21.0328, 0.3279, 0.3549



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

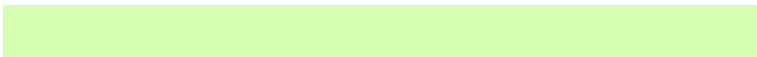
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.6058, 0.3571, 0.4051



94.9691, 0.3654, 0.4194



89.2136, 0.3318, 0.4118



21.0645, 0.3265, 0.3525



47.8271, 0.4147, 0.5089



4.6643, 0.4152, 0.5085

Inverse Universe

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



48.7681, 0.2604, 0.2405



41.5551, 0.2484, 0.2204



53.9301, 0.2876, 0.2469



17.4009, 0.2983, 0.3044



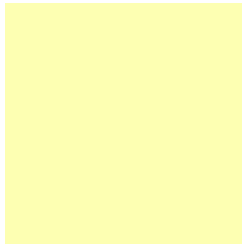
3.8056, 0.1508, 0.0604



0.3783, 0.1527, 0.0615

Previews

White Background



This preview shows how the Yxy color 95.6170, 0.3571, 0.4051 looks on a white background.

Color Contrast Check

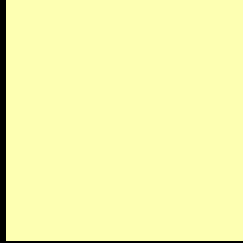
Large Text (above 18pt) WCAG AA × Fail

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 95.6170, 0.3571, 0.4051 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 95.6170, 0.3571, 0.4051

Background



This preview shows how black text looks on a background with the Yxy color 95.6170, 0.3571, 0.4051.



This preview shows how white text looks on a background with the Yxy color 95.6170, 0.3571, 0.4051.

Color Blindness Simulation

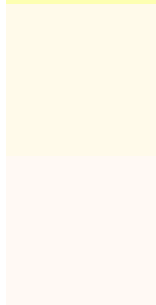
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.6170, 0.3571, 0.4051



Protanopia

95.5717, 0.3255, 0.3446

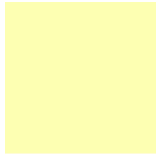
Deuteranopia

95.5430, 0.3195, 0.3338

Tritanopia

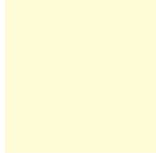
95.6148, 0.3130, 0.3223

Trichromacy



Original Color

95.6170, 0.3571, 0.4051



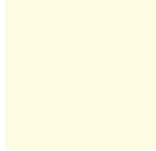
Protanomaly

95.5467, 0.3367, 0.3664



Deuteranomaly

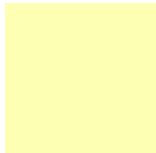
95.2325, 0.3332, 0.3594



Tritanomaly

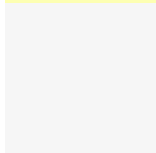
95.6112, 0.3290, 0.3525

Monochromacy



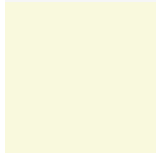
Original Color

95.6170, 0.3571, 0.4051



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 95.6170, 0.3571, 0.4051 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 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(253, 255, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 178) }
```

Border

The CSS property to change the border of an element to Yxy 95.6170, 0.3571, 0.4051 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, 178) }
```

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

```
.border{ border-color:rgb(253, 255, 178) }
```

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, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 178);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 95.6170, 0.3571, 0.4051 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, 178) }
```

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

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