

Converting Colors

$Yxy(95.6408, 0.3576, 0.4056)$

Have a look what the booklet for
Yxy(95.6408, 0.3576, 0.4056)
contains.

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Color

Yxy(95.5770, 0.3577, 0.4060)

Conversions

Conversions Part 1

Format	Color
Hex	<code>FDFFB1</code>
RGB	<code>253, 255, 177</code>
RGB Percent	<code>99%, 100%, 69%</code>
CMY	<code>0.0079, 0.0000, 0.3057</code>
CMYK	<code>0.01, 0.00, 0.31, 0.00</code>
HSL	<code>62°, 100%, 85%</code>
HSV	<code>62°, 31%, 100%</code>
XYZ	<code>84.2066, 95.5770, 55.6277</code>
YIQ	<code>245.5100, 23.8460, -24.6820</code>

Conversions

Conversions Part 2

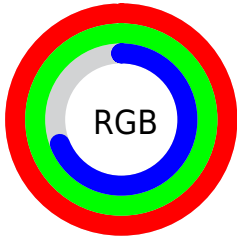
Format	Color
RYB	177, 255, 179
Decimal	16646065
CIELab	98.26, -12.30, 37.12
CIELCh	98, 39.106, 108.329
Yxy	95.5770, 0.3577, 0.4060
Android (android.graphics.Color)	4294836145 (0xFFFDFFB1)
YUV	245.5100, -33.7754, 6.5687
Hunter-Lab	97.7635, -17.3387, 34.6983

Details

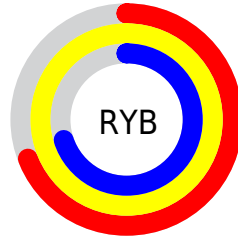
The Yxy color **95.5770, 0.3577, 0.4060** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **48.2719, 0.2596, 0.2392**, and the grayscale version is **92.0089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **53.4455, 0.3657, 0.4217** is the 20% darker color. If you saturate the color by 10%, you get **94.5317, 0.3718, 0.4304**, and if you desaturate by 10%, it is **96.8155, 0.3430, 0.3806**.

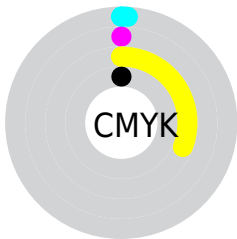
Distribution



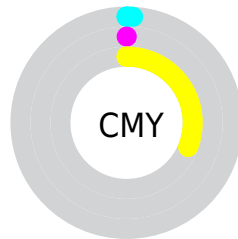
- Red (99%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (70%)



- Cyan (1%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.5770, 0.3577, 0.4060 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 95.5770, 0.3577, 0.4060 by changing the saturation by 10% instead.


 95.5770, 0.3577,
0.4060

 95.5770, 0.3577,
0.4060


546.0105, 0.3386,
0.3716

 72.6153, 0.3616,
0.4135

 155.0615, 0.3514,
0.3944

 53.6615, 0.3662,
0.4225


192.3531, 0.3489,
0.3898

 38.3311, 0.3716,
0.4336

235.1901, 0.3467,
0.3858

 26.2397, 0.3781,
0.4474

283.9570, 0.3447,
0.3822

 17.0031, 0.3859,
0.4652

339.0381, 0.3429,
0.3791

 10.2367, 0.3948,
0.4885

400.8178, 0.3414,

 5.5562, 0.4044,

0.3764

0.5197

469.6804, 0.3399,
0.3739

■ 2.5771, 0.4227,
0.5773

■ 0.9152, 0.3835,
0.6165

■ 95.5770, 0.3577,
0.4060

■ 95.5770, 0.3577,
0.4060

■ 94.5317, 0.3718,
0.4304

■ 96.8155, 0.3430,
0.3806

■ 93.6648, 0.3846,
0.4528

■ 98.2529, 0.3281,
0.3552

■ 92.9660, 0.3956,
0.4722

■ 99.8996, 0.3135,
0.3304

■ 92.4225, 0.4042,
0.4878

■ 100.0000, 0.3127,
0.3290

■ 92.0192, 0.4102,
0.4990

■ 91.7384, 0.4136,
0.5058

■ 91.5589, 0.4148,
0.5089

Harmonies

Analogous

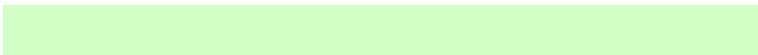
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.5770, 0.3885, 0.3897



95.5770, 0.3577, 0.4060



95.5770, 0.3161, 0.3995

Triad

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



95.5770, 0.3577, 0.4060



95.5770, 0.2337, 0.2893



95.5770, 0.3484, 0.2928

Complementary

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



95.5770, 0.3577, 0.4060



48.2719, 0.2596, 0.2392

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.



95.5770, 0.3046, 0.2696



95.5770, 0.3577, 0.4060



95.5770, 0.2408, 0.2659

Square

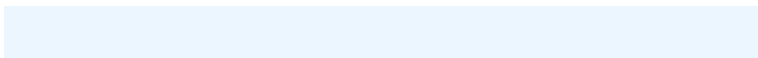
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.5770, 0.3577, 0.4060



95.5770, 0.2458, 0.3271



95.5770, 0.2658, 0.2597



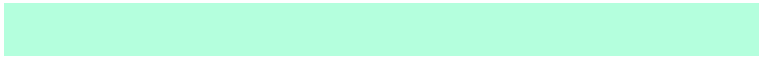
95.5770, 0.3838, 0.3247

Rectangle

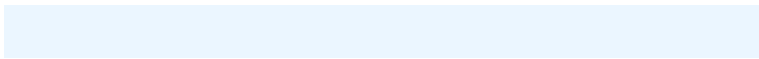
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.5770, 0.3577, 0.4060



95.5770, 0.2881, 0.3814



95.5770, 0.2658, 0.2597



95.5770, 0.3340, 0.2838

Sweetspot

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



95.5784, 0.3577, 0.4060



98.4974, 0.3258, 0.3512



56.4145, 0.3819, 0.3306



21.0340, 0.3279, 0.3549



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

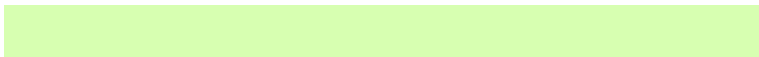
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.5784, 0.3577, 0.4060



94.8841, 0.3669, 0.4219



89.1014, 0.3320, 0.4129



21.0656, 0.3265, 0.3525



47.8522, 0.4149, 0.5088



4.6664, 0.4154, 0.5084

Inverse Universe

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



48.2719, 0.2596, 0.2392



40.3819, 0.2462, 0.2168



53.4836, 0.2872, 0.2458



17.4000, 0.2982, 0.3044



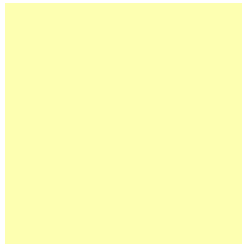
3.8043, 0.1508, 0.0604



0.3779, 0.1526, 0.0614

Previews

White Background



This preview shows how the Yxy color 95.5770, 0.3577, 0.4060 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 95.5770, 0.3577, 0.4060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

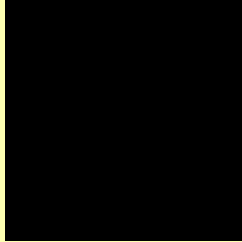
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.5770, 0.3577, 0.4060

Background



This preview shows how black text looks on a background with the Yxy color 95.5770, 0.3577, 0.4060.



This preview shows how white text looks on a background with the Yxy color 95.5770, 0.3577, 0.4060.

Color Blindness Simulation

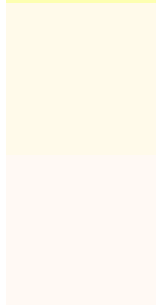
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.5770, 0.3577, 0.4060



Protanopia

95.5717, 0.3255, 0.3446

Deuteranopia

95.5430, 0.3195, 0.3338

Tritanopia

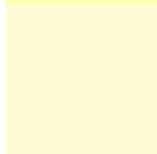
95.6148, 0.3130, 0.3223

Trichromacy



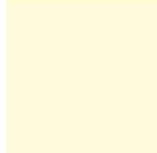
Original Color

95.5770, 0.3577, 0.4060



Protanomaly

95.4957, 0.3373, 0.3674



Deuteranomaly

95.2325, 0.3332, 0.3594



Tritanomaly

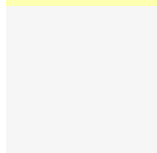
95.6112, 0.3290, 0.3525

Monochromacy



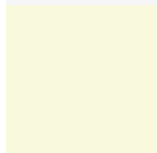
Original Color

95.5770, 0.3577, 0.4060



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 95.5770, 0.3577, 0.4060 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 177) }
```

Border

The CSS property to change the border of an element to Yxy 95.5770, 0.3577, 0.4060 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, 177) }
```

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

```
.border{ border-color:rgb(253, 255, 177) }
```

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, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 177);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 95.5770, 0.3577, 0.4060 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, 177) }
```

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

```
.background{ background-color: rgb(253,  
255, 177) }
```

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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