

Converting Colors

$Y_{xy}(95.7266, 0.3583, 0.4059)$

Have a look what the booklet for
Yxy(95.7266, 0.3583, 0.4059)
contains.

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Color

Yxy(95.7652, 0.3584, 0.4059)

Conversions

Conversions Part 1

Format	Color
Hex	FEFFB1
RGB	254, 255, 177
RGB Percent	100%, 100%, 69%
CMY	0.0040, 0.0000, 0.3060
CMYK	0.00, 0.00, 0.31, 0.00
HSL	61°, 100%, 85%
HSV	61°, 31%, 100%
XYZ	84.5584, 95.7652, 55.6094
YIQ	245.8090, 24.4420, -24.4700

Conversions

Conversions Part 2

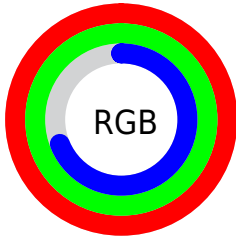
Format	Color
RYB	177, 255, 178
Decimal	16711601
CIELab	98.34, -11.95, 37.27
CIELCh	98, 39.139, 107.783
Yxy	95.7652, 0.3584, 0.4059
Android (android.graphics.Color)	4294901681 (0xFFFEFFB1)
YUV	245.8090, -33.9228, 7.1835
Hunter-Lab	97.8597, -17.0166, 34.8099

Details

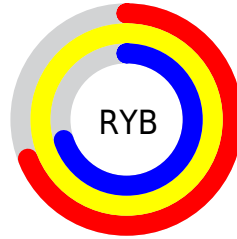
The Yxy color **95.7652, 0.3584, 0.4059** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **48.1210, 0.2588, 0.2389**, and the grayscale version is **92.2502, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **53.5792, 0.3665, 0.4214** is the 20% darker color. If you saturate the color by 10%, you get **94.7714, 0.3727, 0.4301**, and if you desaturate by 10%, it is **96.9355, 0.3434, 0.3806**.

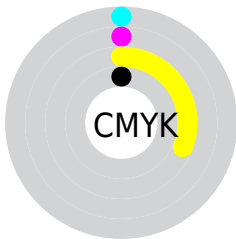
Distribution



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



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



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.7652, 0.3584, 0.4059 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 95.7652, 0.3584, 0.4059 by changing the saturation by 10% instead.


 95.7652, 0.3584,
0.4059

 95.7652, 0.3584,
0.4059

546.6118, 0.3390,
0.3716

 72.7720, 0.3624,
0.4133


 155.3213, 0.3520,
0.3943

 53.7896, 0.3670,
0.4223


192.6531, 0.3495,
0.3897

 38.4334, 0.3726,
0.4333


235.5331, 0.3472,
0.3857

 26.3193, 0.3792,
0.4471

284.3459, 0.3452,
0.3822

 17.0626, 0.3871,
0.4648

339.4757, 0.3434,
0.3791

 10.2792, 0.3962,
0.4878


401.3071, 0.3418,


 5.5844, 0.4061,


0.3763


0.5186

470.2243, 0.3403,
0.3739


 2.5941, 0.4247,
0.5753


 0.9237, 0.3880,
0.6120


 95.7652, 0.3584,
0.4059


 95.7652, 0.3584,
0.4059


 94.7714, 0.3727,
0.4301


 96.9355, 0.3434,
0.3806


 93.9639, 0.3858,
0.4523

 98.3125, 0.3283,
0.3552

 93.3242, 0.3969,
0.4715

 99.8985, 0.3136,
0.3305

 92.8393, 0.4058,
0.4868

 100.0000, 0.3127,
0.3290

■ 92.4944, 0.4120,
0.4977

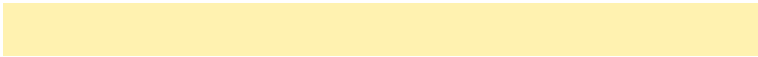
■ 92.2715, 0.4156,
0.5043

■ 92.1466, 0.4170,
0.5071

Harmonies

Analogous

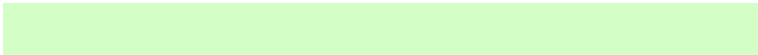
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.7652, 0.3889, 0.3892



95.7652, 0.3584, 0.4059



95.7652, 0.3168, 0.3998

Triad

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



95.7652, 0.3584, 0.4059



95.7652, 0.2337, 0.2899



95.7652, 0.3476, 0.2923

Complementary

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



95.7652, 0.3584, 0.4059



48.1210, 0.2588, 0.2389

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.



95.7652, 0.3038, 0.2693



95.7652, 0.3584, 0.4059



95.7652, 0.2404, 0.2662

Square

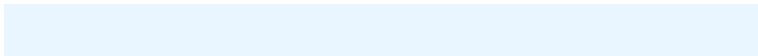
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.7652, 0.3584, 0.4059



95.7652, 0.2462, 0.3279



95.7652, 0.2652, 0.2596



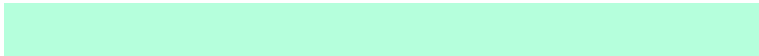
95.7652, 0.3834, 0.3241

Rectangle

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



95.7652, 0.3584, 0.4059



95.7652, 0.2888, 0.3821



95.7652, 0.2652, 0.2596



95.7652, 0.3332, 0.2834

Sweetspot

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



95.7584, 0.3584, 0.4059



98.5516, 0.3260, 0.3512



55.8685, 0.3824, 0.3292



21.0474, 0.3281, 0.3549



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

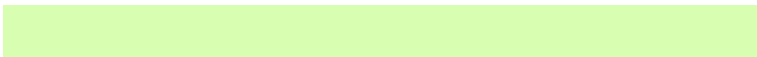
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.7584, 0.3584, 0.4059



95.1052, 0.3677, 0.4216



89.2906, 0.3329, 0.4128



21.0778, 0.3267, 0.3525



48.1542, 0.4170, 0.5071



4.6924, 0.4173, 0.5069

Inverse Universe

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



48.1210, 0.2588, 0.2389



40.2581, 0.2454, 0.2166



53.2523, 0.2862, 0.2455



17.3892, 0.2980, 0.3044



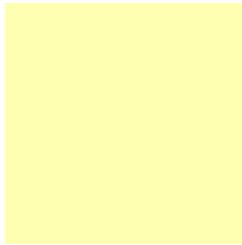
3.7889, 0.1504, 0.0602



0.3728, 0.1513, 0.0607

Previews

White Background



This preview shows how the Yxy color 95.7652, 0.3584, 0.4059 looks on a white background.

Color Contrast Check

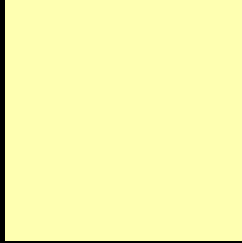
Large Text (above 18pt) WCAG AA × Fail

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 95.7652, 0.3584, 0.4059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

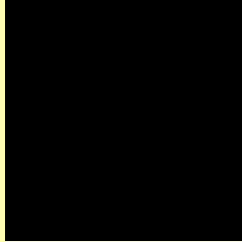
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.7652, 0.3584, 0.4059

Background



This preview shows how black text looks on a background with the Yxy color 95.7652, 0.3584, 0.4059.



This preview shows how white text looks on a background with the Yxy color 95.7652, 0.3584, 0.4059.

Color Blindness Simulation

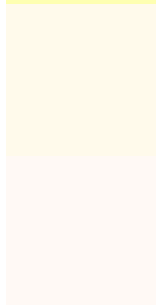
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.7652, 0.3584, 0.4059



Protanopia

95.6294, 0.3249, 0.3436

Deuteranopia

95.6039, 0.3189, 0.3329

Tritanopia

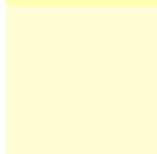
95.6148, 0.3130, 0.3223

Trichromacy



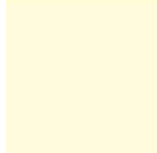
Original Color

95.7652, 0.3584, 0.4059



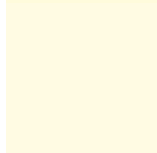
Protanomaly

95.7358, 0.3374, 0.3663



Deuteranomaly

95.4217, 0.3339, 0.3594



Tritanomaly

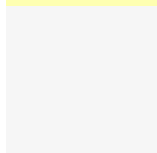
95.8004, 0.3296, 0.3524

Monochromacy



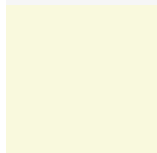
Original Color

95.7652, 0.3584, 0.4059



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 95.7652, 0.3584, 0.4059 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(254, 255, 177)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 255, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 177) }
```

Border

The CSS property to change the border of an element to Yxy 95.7652, 0.3584, 0.4059 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(254, 255, 177) }
```

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

```
.border{ border-color:rgb(254, 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(254, 255, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 177);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 95.7652, 0.3584, 0.4059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 177) }
```

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

```
.background{ background-color: rgb(254,  
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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