

Converting Colors

$Y_{xy}(95.0575, 0.3585, 0.4027)$

Have a look what the booklet for
Yxy(95.0575, 0.3585, 0.4027)
contains.

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Color

Yxy(94.7652, 0.3584, 0.4020)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDB3
RGB	255, 253, 179
RGB Percent	100%, 99%, 70%
CMY	0.0002, 0.0078, 0.2981
CMYK	0.00, 0.01, 0.30, 0.00
HSL	58°, 100%, 85%
HSV	58°, 30%, 100%
XYZ	84.4872, 94.7652, 56.4819
YIQ	245.1620, 24.9460, -22.5900

Conversions

Conversions Part 2

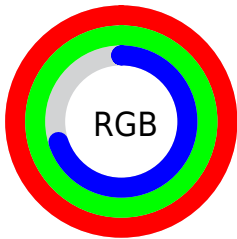
Format	Color
RYB	181, 255, 179
Decimal	16776627
CIELab	97.94, -10.37, 35.75
CIElCh	98, 37.221, 106.172
Yxy	94.7652, 0.3584, 0.4020
Android (android.graphics.Color)	4294966707 (0xFFFFFDB3)
YUV	245.1620, -32.6179, 8.6279
Hunter-Lab	97.3474, -15.4390, 33.7425

Details

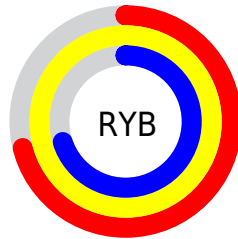
The Yxy color **94.7652, 0.3584, 0.4020** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **49.8150, 0.2601, 0.2438**, and the grayscale version is **91.6972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **52.8565, 0.3667, 0.4166** is the 20% darker color. If you saturate the color by 10%, you get **93.4239, 0.3734, 0.4258**, and if you desaturate by 10%, it is **96.3071, 0.3429, 0.3773**.

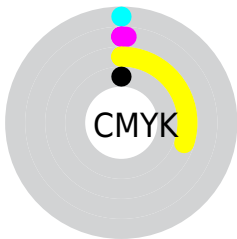
Distribution



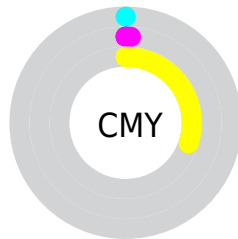
- Red (100%)
- Green (99%)
- Blue (70%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.7652, 0.3584, 0.4020 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 94.7652, 0.3584, 0.4020 by changing the saturation by 10% instead.


 94.7652, 0.3584,
0.4020

 94.7652, 0.3584,
0.4020

543.4130, 0.3389,
0.3695

 71.9396, 0.3624,
0.4091


 153.9402, 0.3520,
0.3910

 53.1093, 0.3672,
0.4176

191.0583, 0.3494,
0.3866

 37.8900, 0.3729,
0.4281


233.7094, 0.3471,
0.3828

 25.8974, 0.3798,
0.4412

282.2778, 0.3451,
0.3795

 16.7469, 0.3881,
0.4581

337.1480, 0.3433,
0.3766

 10.0542, 0.3980,
0.4801

398.7044, 0.3417,

 5.4349, 0.4090,

0.3739

0.5095

467.3312, 0.3402,
0.3716

■ 2.5046, 0.4326,
0.5674

■ 0.8790, 0.3985,
0.6015

■ 94.7652, 0.3584,
0.4020

■ 94.7652, 0.3584,
0.4020

■ 93.4239, 0.3734,
0.4258

■ 96.3071, 0.3429,
0.3773

■ 92.2599, 0.3874,
0.4476

■ 98.0466, 0.3274,
0.3526

■ 91.2659, 0.3996,
0.4665

99.9661, 0.3127,
0.3290

■ 90.4290, 0.4095,
0.4817

99.9903, 0.3127,
0.3290

■ 89.7346, 0.4169,
0.4925

■ 89.1650, 0.4215,
0.4989

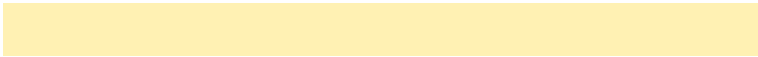
■ 88.6921, 0.4238,
0.5016

■ 88.6827, 0.4239,
0.5016

Harmonies

Analogous

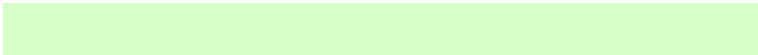
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.7652, 0.3866, 0.3854



94.7652, 0.3584, 0.4020



94.7652, 0.3190, 0.3973

Triad

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



94.7652, 0.3584, 0.4020



94.7652, 0.2373, 0.2935



94.7652, 0.3439, 0.2924

Complementary

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



94.7652, 0.3584, 0.4020



49.8150, 0.2601, 0.2438

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.



94.7652, 0.3021, 0.2709



94.7652, 0.3584, 0.4020



94.7652, 0.2427, 0.2698

Square

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



94.7652, 0.3584, 0.4020



94.7652, 0.2502, 0.3302



94.7652, 0.2656, 0.2625



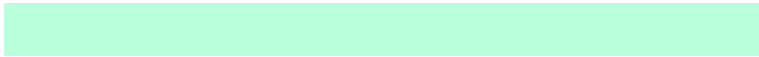
94.7652, 0.3787, 0.3227

Rectangle

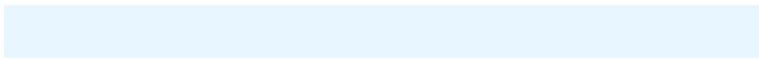
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.7652, 0.3584, 0.4020



94.7652, 0.2920, 0.3812



94.7652, 0.2656, 0.2625



94.7652, 0.3301, 0.2840

Sweetspot

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



94.7695, 0.3584, 0.4020



98.2383, 0.3262, 0.3507



56.8459, 0.3776, 0.3265



20.9696, 0.3284, 0.3542



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

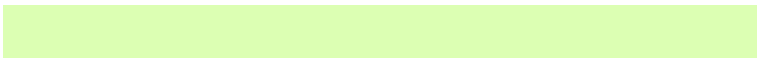
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.7695, 0.3584, 0.4020



93.9552, 0.3678, 0.4169



89.8799, 0.3341, 0.4099



21.0070, 0.3270, 0.3519



46.3954, 0.4238, 0.5017



4.5414, 0.4233, 0.5021

Inverse Universe

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



49.8150, 0.2601, 0.2438



42.1288, 0.2471, 0.2227



53.8169, 0.2851, 0.2474



17.4515, 0.2978, 0.3050



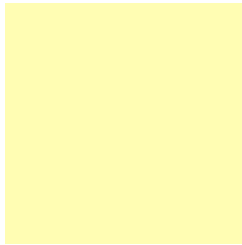
3.8779, 0.1504, 0.0615



0.4024, 0.1514, 0.0651

Previews

White Background



This preview shows how the Yxy color 94.7652, 0.3584, 0.4020 looks on a white background.

Color Contrast Check

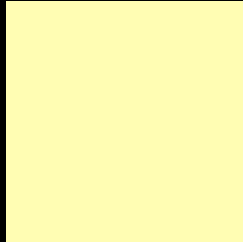
Large Text (above 18pt) WCAG AA × Fail

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 94.7652, 0.3584, 0.4020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

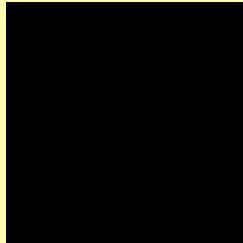
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.7652, 0.3584, 0.4020

Background



This preview shows how black text looks on a background with the Yxy color 94.7652, 0.3584, 0.4020.



This preview shows how white text looks on a background with the Yxy color 94.7652, 0.3584, 0.4020.

Color Blindness Simulation

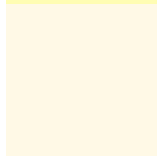
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



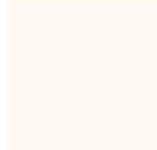
Original Color

94.7652, 0.3584, 0.4020



Protanopia

94.7245, 0.3280, 0.3475



Deuteranopia

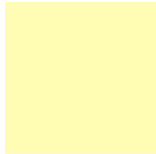
94.8056, 0.3208, 0.3348



Tritanopia

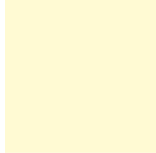
94.9373, 0.3137, 0.3223

Trichromacy



Original Color

94.7652, 0.3584, 0.4020



Protanomaly

94.3344, 0.3396, 0.3674



Deuteranomaly

94.7457, 0.3346, 0.3594



Tritanomaly

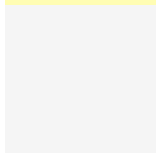
94.5574, 0.3298, 0.3505

Monochromacy



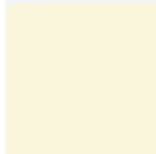
Original Color

94.7652, 0.3584, 0.4020



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.4950, 0.3297, 0.3559

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.7652, 0.3584, 0.4020 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, 253, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 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, 253, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 179) }
```

Border

The CSS property to change the border of an element to Yxy 94.7652, 0.3584, 0.4020 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, 253, 179) }
```

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

```
.border{ border-color:rgb(255, 253, 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, 253, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 94.7652, 0.3584, 0.4020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 179) }
```

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

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

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