

Converting Colors

$Y_{xy}(79.4452, 0.3661, 0.3854)$

Have a look what the booklet for
Yxy(79.4452, 0.3661, 0.3854)
contains.

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Color

Yxy(79.6038, 0.3654, 0.3855)

Conversions

Conversions Part 1

Format	Color
Hex	FBE5AE
RGB	251, 229, 174
RGB Percent	98%, 90%, 68%
CMY	0.0155, 0.1020, 0.3176
CMYK	0.00, 0.09, 0.31, 0.02
HSL	43°, 91%, 83%
HSV	43°, 31%, 98%
XYZ	75.4533, 79.6038, 51.4379
YIQ	229.3080, 30.7670, -12.4410

Conversions

Conversions Part 2

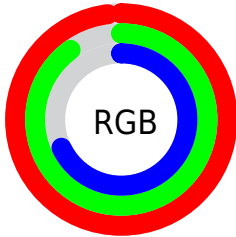
Format	Color
R _Y B	205, 251, 174
Decimal	16508334
CIE Lab	91.51, -0.42, 29.59
CIE LCh	92, 29.594, 90.822
Yxy	79.6038, 0.3654, 0.3855
Android (android.graphics.Color)	4294698414 (0xFFFB E5AE)
YUV	229.3080, -27.2668, 19.0239
Hunter-Lab	89.2210, -5.1811, 28.2727

Details

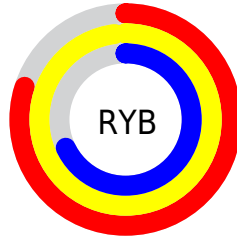
The Yxy color **79.6038, 0.3654, 0.3855** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.4718, 0.2611, 0.2651**, and the grayscale version is **78.7865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **43.1219, 0.3773, 0.3985** is the 20% darker color. If you saturate the color by 10%, you get **74.8243, 0.3849, 0.4040**, and if you desaturate by 10%, it is **84.7380, 0.3468, 0.3666**.

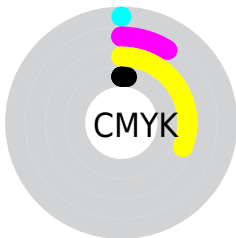
Distribution



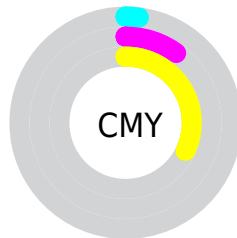
- Red (98%)
- Green (90%)
- Blue (68%)



- Red (80%)
- Yellow (98%)
- Blue (68%)



- Cyan (0%)
- Magenta (9%)
- Yellow (31%)
- Black (2%)




- Cyan (2%)
- Magenta (10%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.6038, 0.3654, 0.3855 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 79.6038, 0.3654, 0.3855 by changing the saturation by 10% instead.


 79.6038, 0.3654,
0.3855

 79.6038, 0.3654,
0.3855


493.5966, 0.3416,
0.3600

 59.3924, 0.3706,
0.3911


 132.8086, 0.3573,
0.3768

 42.9291, 0.3770,
0.3980


166.5707, 0.3541,
0.3734

 29.8295, 0.3848,
0.4064


205.6185, 0.3513,
0.3704

 19.7092, 0.3946,
0.4170

250.3364, 0.3489,
0.3678

 12.1838, 0.4073,
0.4307

301.1087, 0.3468,
0.3655

 6.8690, 0.4239,
0.4488

358.3200, 0.3449,

 3.3803, 0.4495,

0.3634

0.4767

422.3545, 0.3432,
0.3616

■ 1.3334, 0.4846,
0.5154

■ 0.1668, 0.4704,
0.5296

■ 79.6038, 0.3654,
0.3855

■ 79.6038, 0.3654,
0.3855

■ 74.8243, 0.3849,
0.4040

■ 84.7380, 0.3468,
0.3666

■ 70.3766, 0.4049,
0.4213

■ 90.2275, 0.3296,
0.3480

■ 66.2509, 0.4245,
0.4364

■ 96.0864, 0.3137,
0.3302

■ 62.4328, 0.4429,
0.4480

■ 99.2559, 0.3103,
0.3290

■ 58.9058, 0.4592,
0.4552

■ 55.6506, 0.4725,
0.4573

■ 52.8345, 0.4822,
0.4553

Harmonies

Analogous

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



79.6038, 0.3809, 0.3655



79.6038, 0.3654, 0.3855



79.6038, 0.3360, 0.3907

Triad

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



79.6038, 0.3654, 0.3855



79.6038, 0.2523, 0.3144



79.6038, 0.3212, 0.2872

Complementary

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



79.6038, 0.3654, 0.3855



55.4718, 0.2611, 0.2651

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.



79.6038, 0.2870, 0.2741



79.6038, 0.3654, 0.3855



79.6038, 0.2488, 0.2878

Square

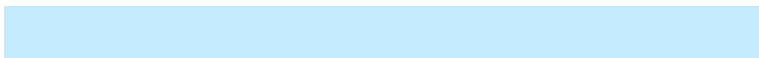
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6038, 0.3654, 0.3855



79.6038, 0.2711, 0.3477



79.6038, 0.2610, 0.2739



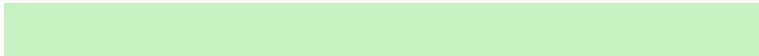
79.6038, 0.3548, 0.3100

Rectangle

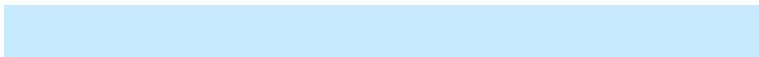
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.6038, 0.3654, 0.3855



79.6038, 0.3130, 0.3835



79.6038, 0.2610, 0.2739



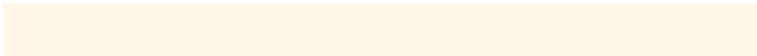
79.6038, 0.3094, 0.2816

Sweetspot

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



79.6074, 0.3654, 0.3855



94.4900, 0.3268, 0.3450



54.8294, 0.3614, 0.3048



20.0404, 0.3292, 0.3476



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

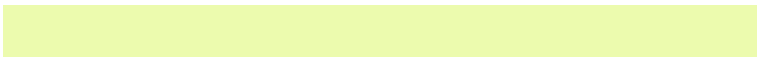
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.6074, 0.3654, 0.3855



79.3073, 0.3777, 0.3974



89.8430, 0.3486, 0.4087



19.3021, 0.3276, 0.3459



28.0245, 0.4809, 0.4563



2.7765, 0.4718, 0.4636

Inverse Universe

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



55.4718, 0.2611, 0.2651



50.5781, 0.2494, 0.2493



48.1164, 0.2689, 0.2412



17.4519, 0.2979, 0.3116



6.2996, 0.1601, 0.0963



0.7561, 0.1664, 0.1192

Previews

White Background



This preview shows how the Yxy color 79.6038, 0.3654, 0.3855 looks on a white background.

Color Contrast Check

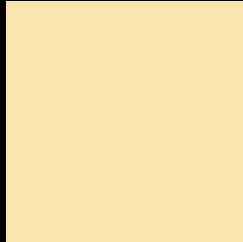
Large Text (above 18pt) WCAG AA × Fail

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 79.6038, 0.3654, 0.3855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

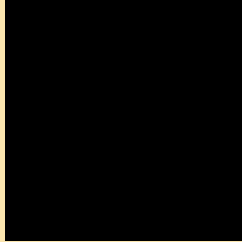
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.6038, 0.3654, 0.3855

Background



This preview shows how black text looks on a background with the Yxy color 79.6038, 0.3654, 0.3855.



This preview shows how white text looks on a background with the Yxy color 79.6038, 0.3654, 0.3855.

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

79.6038, 0.3654, 0.3855

Protanopia

79.4629, 0.3614, 0.3861

Deuteranopia

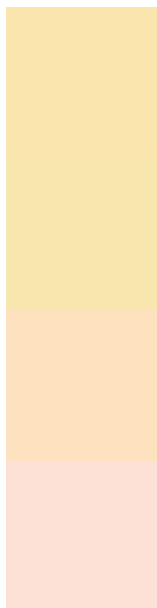
79.3275, 0.3507, 0.3534



Tritanopia

79.6170, 0.3262, 0.3142

Trichromacy



Original Color

79.6038, 0.3654, 0.3855

Protanomaly

79.6452, 0.3622, 0.3859

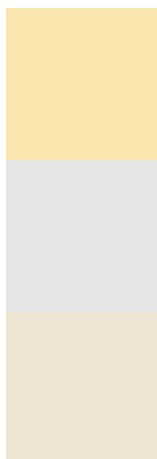
Deuteranomaly

79.2251, 0.3567, 0.3648

Tritanomaly

79.7763, 0.3409, 0.3402

Monochromacy



Original Color

79.6038, 0.3654, 0.3855

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.6466, 0.3314, 0.3500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.6038, 0.3654, 0.3855 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(251, 229, 174)` looks like.

```
.text, #text, p{  
    color:rgb(251, 229, 174)  
}
```

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(251, 229, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 229, 174) }
```

Border

The CSS property to change the border of an element to Yxy 79.6038, 0.3654, 0.3855 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(251, 229, 174) }
```

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

```
.border{ border-color:rgb(251, 229, 174) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(251, 229, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 229, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 229, 174);  
box-shadow:4px 4px 4px 4px rgb(251, 229,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 79.6038, 0.3654, 0.3855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 229, 174) }
```

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

```
.background{ background-color: rgb(251,  
229, 174) }
```

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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