

Converting Colors

$Y_{xy}(79.0069, 0.3584, 0.3721)$

Have a look what the booklet for
Yxy(79.0069, 0.3584, 0.3721)
contains.

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Color

Yxy(78.9502, 0.3584, 0.3722)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FBE3B9 |
| RGB | 251, 227, 185 |
| RGB Percent | 98%, 89%, 73% |
| CMY | 0.0155, 0.1098, 0.2744 |
| CMYK | 0.00, 0.10, 0.26, 0.02 |
| HSL | 38°, 89%, 86% |
| HSV | 38°, 26%, 98% |
| XYZ | 76.0230, 78.9502, 57.1445 |
| YIQ | 229.3880, 27.7860, -7.9740 |

Conversions

Conversions Part 2

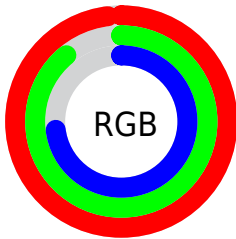
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 223, 251, 185 |
| Decimal | 16507833 |
| CIE _{Lab} | 91.21, 2.01, 23.52 |
| CIE _{LCh} | 91, 23.609, 85.117 |
| Yxy | 78.9502, 0.3584, 0.3722 |
| Android (android.graphics.Color) | 4294697913 (0xFFFBE3B9) |
| YUV | 229.3880, -21.8833, 18.9537 |
| Hunter-Lab | 88.8539, -2.7707, 24.0667 |

Details

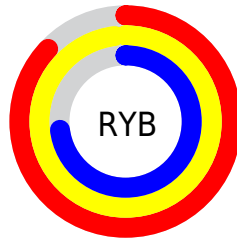
The Yxy color **78.9502, 0.3584, 0.3722** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **62.9247, 0.2696, 0.2816**, and the grayscale version is **78.8109, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **42.6403, 0.3685, 0.3818** is the 20% darker color. If you saturate the color by 10%, you get **73.1143, 0.3788, 0.3892**, and if you desaturate by 10%, it is **85.2463, 0.3396, 0.3553**.

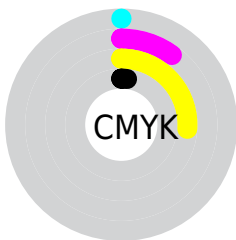
Distribution



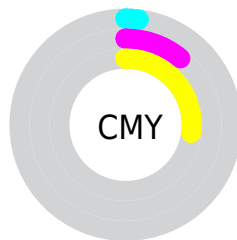
- Red (98%)
- Green (89%)
- Blue (73%)



- Red (87%)
- Yellow (98%)
- Blue (73%)



- Cyan (0%)
- Magenta (10%)
- Yellow (26%)
- Black (2%)





- Cyan (2%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.9502, 0.3584, 0.3722 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 78.9502, 0.3584, 0.3722 by changing the saturation by 10% instead.

 78.9502, 0.3584,
0.3722

 78.9502, 0.3584,
0.3722


491.3879, 0.3376,
0.3527

 58.8549, 0.3630,
0.3765


 131.8888, 0.3513,
0.3655

 42.4963, 0.3687,
0.3818

165.5008, 0.3485,
0.3629

 29.4901, 0.3758,
0.3883


204.3871, 0.3460,
0.3606

 19.4519, 0.3848,
0.3966

248.9322, 0.3439,
0.3587

 11.9973, 0.3967,
0.4074

299.5204, 0.3421,
0.3569

 6.7418, 0.4130,
0.4219

356.5362, 0.3404,

 3.3012, 0.4360,

0.3553

0.4419

420.3639, 0.3389,
0.3539

■ 1.2909, 0.5000,
0.5000

■ 0.1341, 0.5682,
0.4318

■ 78.9502, 0.3584,
0.3722

■ 78.9502, 0.3584,
0.3722

■ 73.1143, 0.3788,
0.3892

■ 85.2463, 0.3396,
0.3553

■ 67.7138, 0.4005,
0.4055

■ 92.0050, 0.3225,
0.3389

■ 62.7375, 0.4229,
0.4201

■ 98.8936, 0.3103,
0.3284

■ 58.1692, 0.4450,
0.4319

■ 99.2571, 0.3103,
0.3290

■ 53.9910, 0.4657,
0.4397

■ 50.1825, 0.4839,
0.4426

■ 46.7196, 0.4987,
0.4401

■ 45.5127, 0.5036,
0.4383

Harmonies

Analogous

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



78.9502, 0.3678, 0.3549



78.9502, 0.3584, 0.3722



78.9502, 0.3367, 0.3784

Triad

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



78.9502, 0.3584, 0.3722



78.9502, 0.2660, 0.3226



78.9502, 0.3143, 0.2924

Complementary

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



78.9502, 0.3584, 0.3722



62.9247, 0.2696, 0.2816

Split Complementary

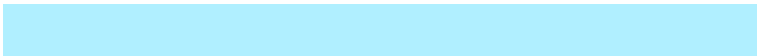
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.9502, 0.2875, 0.2836



78.9502, 0.3584, 0.3722



78.9502, 0.2605, 0.2996

Square

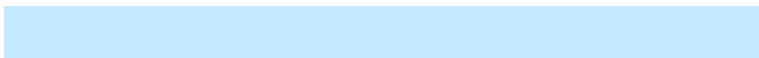
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.9502, 0.3584, 0.3722



78.9502, 0.2835, 0.3489



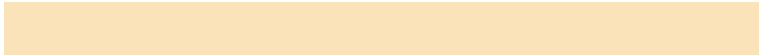
78.9502, 0.2682, 0.2859



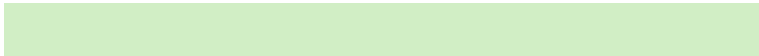
78.9502, 0.3418, 0.3098

Rectangle

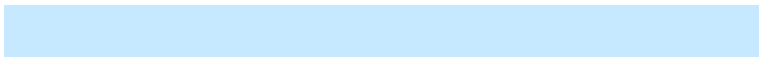
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.9502, 0.3584, 0.3722



78.9502, 0.3186, 0.3744



78.9502, 0.2682, 0.2859



78.9502, 0.3049, 0.2883

Sweetspot

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



78.9538, 0.3584, 0.3722



94.1042, 0.3253, 0.3416



59.8410, 0.3488, 0.3039



19.9125, 0.3278, 0.3441



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

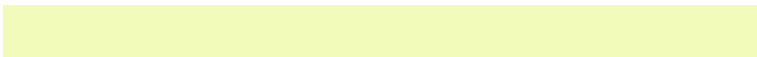
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.9538, 0.3584, 0.3722



78.2892, 0.3699, 0.3820



91.4444, 0.3465, 0.3963



19.0650, 0.3278, 0.3440



24.2013, 0.5019, 0.4397



2.4431, 0.4894, 0.4496

Inverse Universe

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



62.9247, 0.2696, 0.2816



58.9232, 0.2596, 0.2695



53.1233, 0.2731, 0.2546



17.6784, 0.2979, 0.3135



7.8867, 0.1655, 0.1159



0.9243, 0.1721, 0.1395

Previews

White Background



This preview shows how the Yxy color 78.9502, 0.3584, 0.3722 looks on a white background.

Color Contrast Check

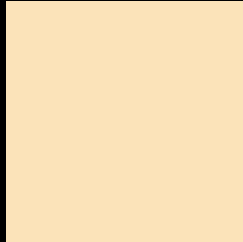
Large Text (above 18pt) WCAG AA × Fail

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 78.9502, 0.3584, 0.3722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

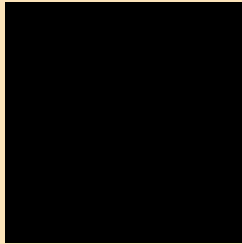
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.9502, 0.3584, 0.3722

Background



This preview shows how black text looks on a background with the Yxy color 78.9502, 0.3584, 0.3722.

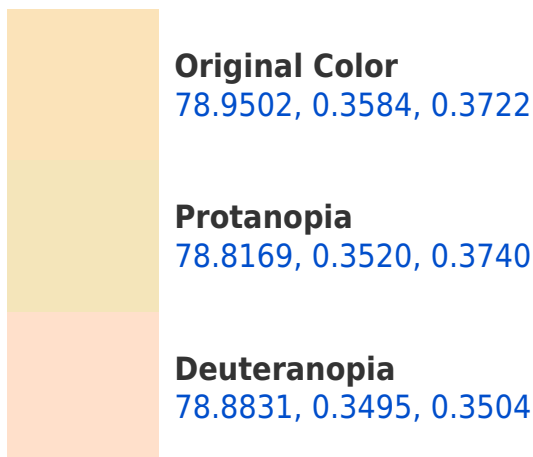


This preview shows how white text looks on a background with the Yxy color 78.9502, 0.3584, 0.3722.

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

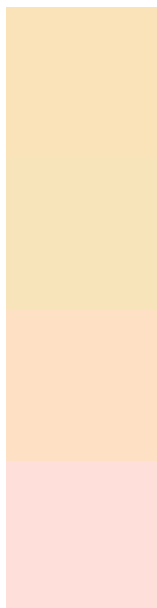




Tritanopia

79.0290, 0.3269, 0.3142

Trichromacy



Original Color

78.9502, 0.3584, 0.3722

Protanomaly

78.8061, 0.3545, 0.3726

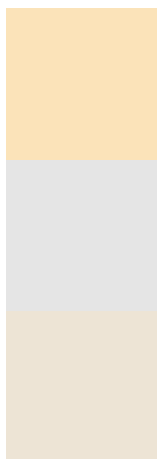
Deuteranomaly

78.9068, 0.3534, 0.3586

Tritanomaly

78.8559, 0.3391, 0.3351

Monochromacy



Original Color

78.9502, 0.3584, 0.3722

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.2954, 0.3288, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.9502, 0.3584, 0.3722 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, 227, 185)` looks like.

```
.text, #text, p{  
    color:rgb(251, 227, 185)  
}
```

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, 227, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 227, 185) }
```

Border

The CSS property to change the border of an element to Yxy 78.9502, 0.3584, 0.3722 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, 227, 185) }
```

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

```
.border{ border-color:rgb(251, 227, 185) }
```

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

Here you see how a box with a 4 pixel rgb(251, 227, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 227, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 227, 185);  
box-shadow:4px 4px 4px 4px rgb(251, 227,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 78.9502, 0.3584, 0.3722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 227, 185) }
```

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

```
.background{ background-color: rgb(251,  
227, 185) }
```

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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