

Converting Colors

$Yxy(78.8437, 0.3417, 0.3539)$

Have a look what the booklet for
Yxy(78.8437, 0.3417, 0.3539)
contains.

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Color

Yxy(78.6624, 0.3415, 0.3539)

Conversions

Conversions Part 1

Format	Color
Hex	F5E3CB
RGB	245, 227, 203
RGB Percent	96%, 89%, 80%
CMY	0.0392, 0.1098, 0.2038
CMYK	0.00, 0.07, 0.17, 0.04
HSL	34°, 68%, 88%
HSV	34°, 17%, 96%
XYZ	75.9062, 78.6624, 67.7043
YIQ	229.6460, 18.4320, -3.6480

Conversions

Conversions Part 2

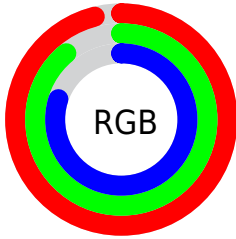
Format	Color
R_{YB}	235, 245, 203
Decimal	16114635
CIE Lab	91.08, 2.33, 13.92
CIE LCh	91, 14.111, 80.480
Yxy	78.6624, 0.3415, 0.3539
Android (android.graphics.Color)	4294304715 (0xFFF5E3CB)
YUV	229.6460, -13.1365, 13.4655
Hunter-Lab	88.6918, -2.4428, 16.8243

Details

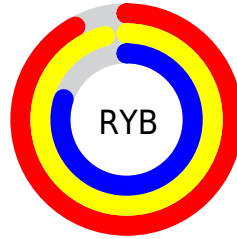
The Yxy color **78.6624, 0.3415, 0.3539** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **71.0199, 0.2856, 0.3028**, and the grayscale version is **78.9472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.3663, 0.3475, 0.3598** is the 20% darker color. If you saturate the color by 10%, you get **72.0164, 0.3611, 0.3692**, and if you desaturate by 10%, it is **85.8505, 0.3240, 0.3391**.

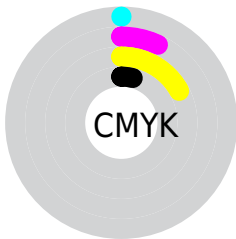
Distribution



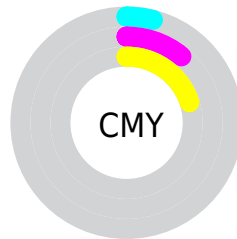
- Red (96%)
- Green (89%)
- Blue (80%)



- Red (92%)
- Yellow (96%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (17%)
- Black (4%)





- Cyan (4%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.6624, 0.3415, 0.3539 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 78.6624, 0.3415, 0.3539 by changing the saturation by 10% instead.


 78.6624, 0.3415,
0.3539

 78.6624, 0.3415,
0.3539


490.4135, 0.3283,
0.3426

 58.6183, 0.3445,
0.3564


131.4835, 0.3370,
0.3500

 42.3059, 0.3481,
0.3595


165.0292, 0.3352,
0.3485

 29.3409, 0.3527,
0.3634


203.8443, 0.3337,
0.3472

 19.3389, 0.3586,
0.3683

248.3131, 0.3323,
0.3460

 11.9154, 0.3666,
0.3750

298.8200, 0.3311,
0.3450

 6.6861, 0.3779,
0.3842

355.7495, 0.3301,

 3.2666, 0.3949,

0.3441

0.3978

419.4858, 0.3292,
0.3433

■ 1.2724, 0.4397,
0.4360

■ 0.1197, 0.5879,
0.4121

■ 78.6624, 0.3415,
0.3539

■ 78.6624, 0.3415,
0.3539

■ 72.0164, 0.3611,
0.3692

■ 85.8505, 0.3240,
0.3391

■ 65.8873, 0.3827,
0.3846

■ 93.5844, 0.3085,
0.3251

■ 60.2627, 0.4061,
0.3994

■ 98.1513, 0.3066,
0.3290

■ 55.1260, 0.4306,
0.4124

■ 50.4591, 0.4553,
0.4227

■ 46.2421, 0.4789,
0.4288

■ 42.4529, 0.5000,
0.4299

■ 39.0644, 0.5175,
0.4255

■ 38.1549, 0.5221,
0.4236

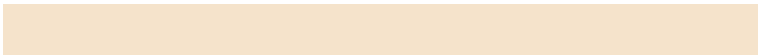
Harmonies

Analogous

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



78.6624, 0.3455, 0.3431



78.6624, 0.3415, 0.3539



78.6624, 0.3297, 0.3582

Triad

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



78.6624, 0.3415, 0.3539



78.6624, 0.2856, 0.3279



78.6624, 0.3113, 0.3054

Complementary

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



78.6624, 0.3415, 0.3539



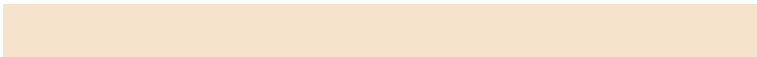
71.0199, 0.2856, 0.3028

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.



78.6624, 0.2955, 0.3011



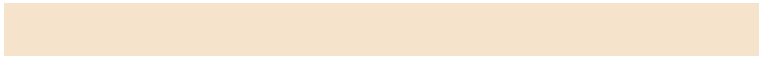
78.6624, 0.3415, 0.3539



78.6624, 0.2810, 0.3136

Square

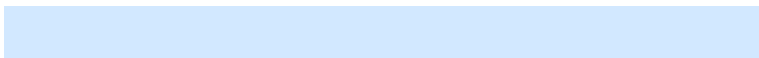
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.6624, 0.3415, 0.3539



78.6624, 0.2974, 0.3430



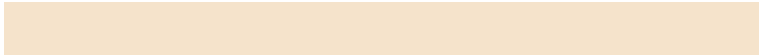
78.6624, 0.2845, 0.3039



78.6624, 0.3278, 0.3155

Rectangle

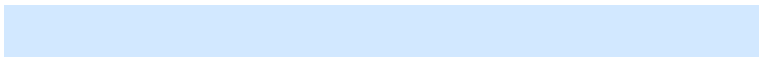
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.6624, 0.3415, 0.3539



78.6624, 0.3191, 0.3565



78.6624, 0.2845, 0.3039



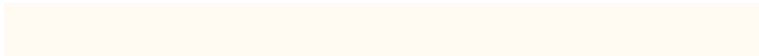
78.6624, 0.3057, 0.3032

Sweetspot

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



78.6659, 0.3415, 0.3539



95.7676, 0.3205, 0.3360



67.3726, 0.3319, 0.3101



20.3735, 0.3217, 0.3371



0.0000, 0.0000, 0.0000



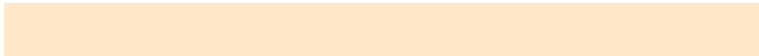
21.4041, 0.3127, 0.3290

Same Dimension

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



78.6659, 0.3415, 0.3539



83.2348, 0.3489, 0.3599



88.5265, 0.3366, 0.3719



18.0542, 0.3279, 0.3425



20.8365, 0.5200, 0.4253



2.0351, 0.5039, 0.4381

Inverse Universe

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



71.0199, 0.2856, 0.3028



73.2312, 0.2790, 0.2961



62.4194, 0.2865, 0.2827



17.0950, 0.2980, 0.3151



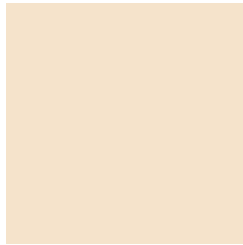
9.2609, 0.1708, 0.1348



1.0136, 0.1775, 0.1591

Previews

White Background



This preview shows how the Yxy color 78.6624, 0.3415, 0.3539 looks on a white background.

Color Contrast Check

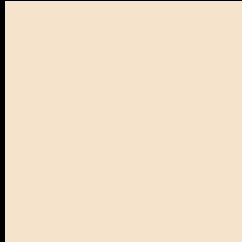
Large Text (above 18pt) WCAG AA × Fail

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 78.6624, 0.3415, 0.3539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

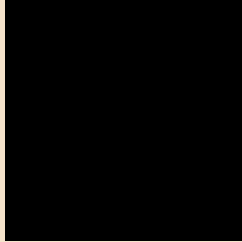
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.6624, 0.3415, 0.3539

Background



This preview shows how black text looks on a background with the Yxy color 78.6624, 0.3415, 0.3539.

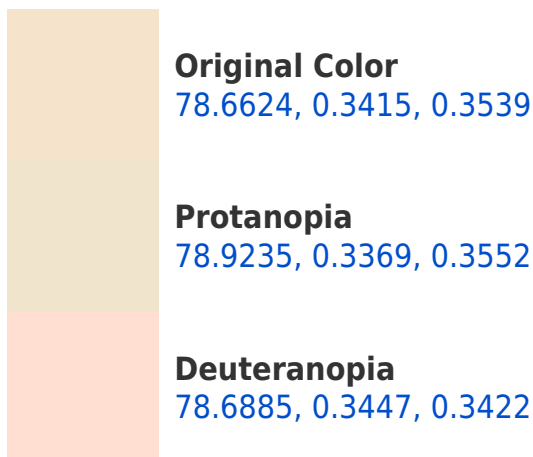


This preview shows how white text looks on a background with the Yxy color 78.6624, 0.3415, 0.3539.

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

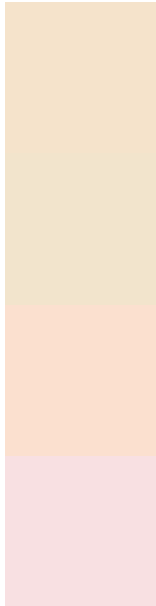




Tritanopia

78.7985, 0.3213, 0.3120

Trichromacy



Original Color

78.6624, 0.3415, 0.3539

Protanomaly

78.7237, 0.3385, 0.3541

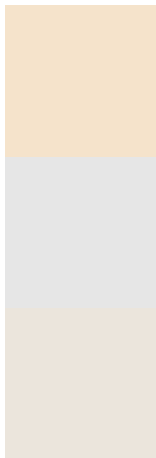
Deuteranomaly

78.3255, 0.3437, 0.3464

Tritanomaly

78.7588, 0.3284, 0.3270

Monochromacy



Original Color

78.6624, 0.3415, 0.3539

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.8681, 0.3227, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.6624, 0.3415, 0.3539 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(245, 227, 203)` looks like.

```
.text, #text, p{  
    color:rgb(245, 227, 203)  
}
```

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(245, 227, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 227, 203) }
```

Border

The CSS property to change the border of an element to Yxy 78.6624, 0.3415, 0.3539 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(245, 227, 203) }
```

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

```
.border{ border-color:rgb(245, 227, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 227, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 227, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 227, 203);  
box-shadow:4px 4px 4px 4px rgb(245, 227,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 78.6624, 0.3415, 0.3539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 227, 203) }
```

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

```
.background{ background-color: rgb(245,  
227, 203) }
```

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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