

Converting Colors

$Y_{xy}(79.5103, 0.3604, 0.3882)$

Have a look what the booklet for
Yxy(79.5103, 0.3604, 0.3882)
contains.

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Color

Yxy(79.6203, 0.3603, 0.3884)

Conversions

Conversions Part 1

Format	Color
Hex	F5E7AE
RGB	245, 231, 174
RGB Percent	96%, 91%, 68%
CMY	0.0394, 0.0940, 0.3177
CMYK	0.00, 0.06, 0.29, 0.04
HSL	48°, 78%, 82%
HSV	48°, 29%, 96%
XYZ	73.8599, 79.6203, 51.5154
YIQ	228.6880, 26.6410, -14.7590

Conversions

Conversions Part 2

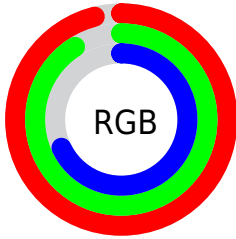
Format	Color
RYB	191, 245, 174
Decimal	16115630
CIELab	91.51, -3.74, 29.53
CIELCh	92, 29.761, 97.216
Yxy	79.6203, 0.3603, 0.3884
Android (android.graphics.Color)	4294305710 (0xFFFF5E7AE)
YUV	228.6880, -26.9612, 14.3056
Hunter-Lab	89.2302, -8.4003, 28.2312

Details

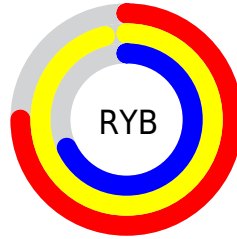
The Yxy color **79.6203, 0.3603, 0.3884** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **51.5236, 0.2635, 0.2616**, and the grayscale version is **78.2985, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **43.1225, 0.3706, 0.4024** is the 20% darker color. If you saturate the color by 10%, you get **76.0979, 0.3781, 0.4090**, and if you desaturate by 10%, it is **83.3981, 0.3430, 0.3675**.

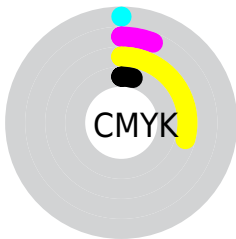
Distribution



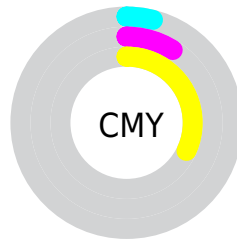
- Red (96%)
- Green (91%)
- Blue (68%)



- Red (75%)
- Yellow (96%)
- Blue (68%)



- Cyan (0%)
- Magenta (6%)
- Yellow (29%)
- Black (4%)





- Cyan (4%)
- Magenta (9%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.6203, 0.3603, 0.3884 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 79.6203, 0.3603, 0.3884 by changing the saturation by 10% instead.


 79.6203, 0.3603,
0.3884

 79.6203, 0.3603,
0.3884


493.6523, 0.3389,
0.3613

 59.4059, 0.3650,
0.3944


 132.8318, 0.3530,
0.3791

 42.9400, 0.3706,
0.4018


166.5977, 0.3502,
0.3755

 29.8380, 0.3776,
0.4109


205.6495, 0.3477,
0.3723

 19.7157, 0.3863,
0.4225

250.3718, 0.3455,
0.3696

 12.1885, 0.3974,
0.4376

301.1488, 0.3436,
0.3672

 6.8722, 0.4118,
0.4578

358.3649, 0.3419,

 3.3823, 0.4338,

0.3650

0.4896

422.4046, 0.3403,
0.3631

■ 1.3344, 0.4633,
0.5367

■ 0.1676, 0.2888,
0.7112

■ 79.6203, 0.3603,
0.3884

■ 79.6203, 0.3603,
0.3884

■ 76.0979, 0.3781,
0.4090

■ 83.3981, 0.3430,
0.3675

■ 72.8100, 0.3959,
0.4282

■ 87.4299, 0.3265,
0.3468

■ 69.7494, 0.4128,
0.4452

■ 91.7280, 0.3112,
0.3270

■ 66.9037, 0.4282,
0.4589

■ 95.1586, 0.3067,
0.3244

■ 64.2593, 0.4413,
0.4683

■ 98.1445, 0.3065,
0.3290

■ 61.8000, 0.4516,
0.4730

■ 59.5016, 0.4590,
0.4733

■ 59.2708, 0.4597,
0.4732

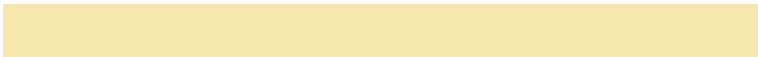
Harmonies

Analogous

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



79.6203, 0.3794, 0.3708



79.6203, 0.3603, 0.3884



79.6203, 0.3289, 0.3897

Triad

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



79.6203, 0.3603, 0.3884



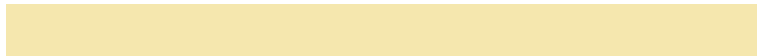
79.6203, 0.2499, 0.3077



79.6203, 0.3289, 0.2912

Complementary

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



79.6203, 0.3603, 0.3884



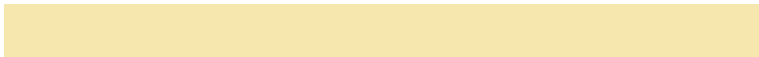
51.5236, 0.2635, 0.2616

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.



79.6203, 0.2937, 0.2757



79.6203, 0.3603, 0.3884



79.6203, 0.2497, 0.2834

Square

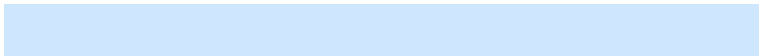
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6203, 0.3603, 0.3884



79.6203, 0.2657, 0.3406



79.6203, 0.2653, 0.2725



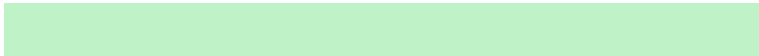
79.6203, 0.3611, 0.3156

Rectangle

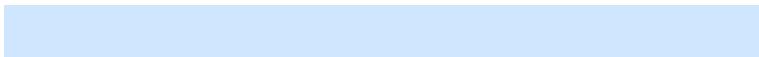
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.6203, 0.3603, 0.3884



79.6203, 0.3056, 0.3797



79.6203, 0.2653, 0.2725



79.6203, 0.3170, 0.2848

Sweetspot

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



79.6239, 0.3603, 0.3884



95.7673, 0.3266, 0.3469



53.3130, 0.3642, 0.3138



20.3565, 0.3289, 0.3499



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.



79.6239, 0.3603, 0.3884



84.8473, 0.3711, 0.4010



84.1280, 0.3416, 0.4053



18.7282, 0.3273, 0.3479



32.1418, 0.4589, 0.4738



2.9628, 0.4530, 0.4785

Inverse Universe

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



51.5236, 0.2635, 0.2616



49.2809, 0.2518, 0.2446



48.4992, 0.2771, 0.2480



16.4534, 0.2979, 0.3094



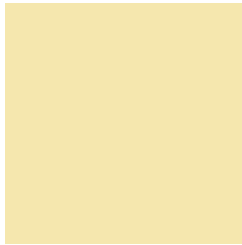
4.8471, 0.1553, 0.0790



0.5635, 0.1612, 0.1003

Previews

White Background



This preview shows how the Yxy color 79.6203, 0.3603, 0.3884 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 79.6203, 0.3603, 0.3884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

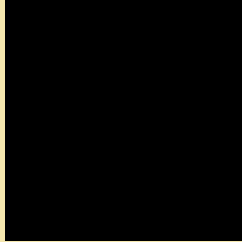
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.6203, 0.3603, 0.3884

Background



This preview shows how black text looks on a background with the Yxy color 79.6203, 0.3603, 0.3884.

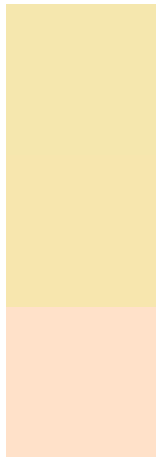


This preview shows how white text looks on a background with the Yxy color 79.6203, 0.3603, 0.3884.

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

79.6203, 0.3603, 0.3884

Protanopia

79.4238, 0.3621, 0.3871

Deuteranopia

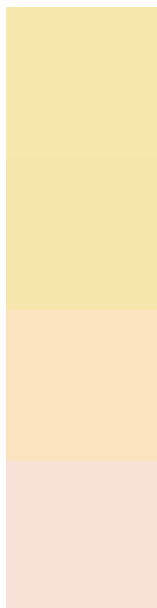
79.3275, 0.3507, 0.3534



Tritanopia

79.4165, 0.3227, 0.3112

Trichromacy



Original Color

79.6203, 0.3603, 0.3884

Protanomaly

79.2425, 0.3614, 0.3873

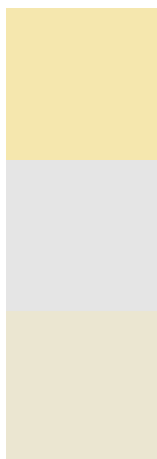
Deuteranomaly

79.2090, 0.3542, 0.3660

Tritanomaly

79.1323, 0.3366, 0.3382

Monochromacy



Original Color

79.6203, 0.3603, 0.3884

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.8592, 0.3298, 0.3512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.6203, 0.3603, 0.3884 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, 231, 174)` looks like.

```
.text, #text, p{  
    color:rgb(245, 231, 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(245, 231, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 231, 174) }
```

Border

The CSS property to change the border of an element to Yxy 79.6203, 0.3603, 0.3884 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, 231, 174) }
```

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

```
.border{ border-color:rgb(245, 231, 174) }
```

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

Here you see how a box with a 4 pixel rgb(245, 231, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 231, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 231, 174);  
box-shadow:4px 4px 4px 4px rgb(245, 231,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 79.6203, 0.3603, 0.3884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 231, 174) }
```

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

```
.background{ background-color: rgb(245,  
231, 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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