

Converting Colors

$Yxy(81.7113, 0.3409, 0.3607)$

Have a look what the booklet for
Yxy(81.7113, 0.3409, 0.3607)
contains.

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Color

Yxy(81.9546, 0.3412, 0.3610)

Conversions

Conversions Part 1

Format	Color
Hex	F5E9CA
RGB	245, 233, 202
RGB Percent	96%, 91%, 79%
CMY	0.0391, 0.0863, 0.2079
CMYK	0.00, 0.05, 0.18, 0.04
HSL	43°, 68%, 88%
HSV	43°, 18%, 96%
XYZ	77.4596, 81.9546, 67.6069
YIQ	233.0540, 17.1030, -7.0970

Conversions

Conversions Part 2

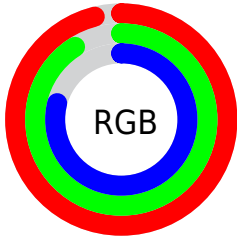
Format	Color
R _Y B	219, 245, 202
Decimal	16116170
CIE Lab	92.55, -0.87, 16.54
CIE LCh	93, 16.563, 93.026
Yxy	81.9546, 0.3412, 0.3610
Android (android.graphics.Color)	4294306250 (0xFFFF5E9CA)
YUV	233.0540, -15.3096, 10.4766
Hunter-Lab	90.5288, -5.6945, 19.0924

Details

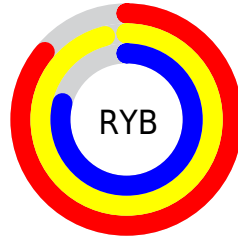
The Yxy color **81.9546, 0.3412, 0.3610** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.2470, 0.2845, 0.2948**, and the grayscale version is **81.6395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.2738, 0.3471, 0.3676** is the 20% darker color. If you saturate the color by 10%, you get **77.0882, 0.3593, 0.3800**, and if you desaturate by 10%, it is **87.1628, 0.3244, 0.3425**.

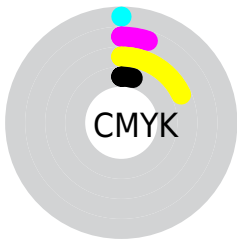
Distribution



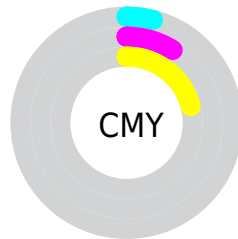
- Red (96%)
- Green (91%)
- Blue (79%)



- Red (86%)
- Yellow (96%)
- Blue (79%)



- Cyan (0%)
- Magenta (5%)
- Yellow (18%)
- Black (4%)





- Cyan (4%)
- Magenta (9%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.9546, 0.3412, 0.3610 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 81.9546, 0.3412, 0.3610 by changing the saturation by 10% instead.


 81.9546, 0.3412,
0.3610

 81.9546, 0.3412,
0.3610


501.4958, 0.3283,
0.3465

 61.3281, 0.3441,
0.3642


136.1103, 0.3368,
0.3560

 44.4900, 0.3476,
0.3682


170.4084, 0.3351,
0.3541

 31.0559, 0.3519,
0.3732


210.0324, 0.3336,
0.3524

 20.6414, 0.3575,
0.3795

255.3668, 0.3322,
0.3509

 12.8622, 0.3650,
0.3880

306.7959, 0.3311,
0.3496

 7.3337, 0.3753,
0.3998

364.7042, 0.3301,

 3.6717, 0.3903,

0.3485

0.4172

429.4760, 0.3291,
0.3474

■ 1.4916, 0.4288,
0.4609

■ 0.2828, 0.4667,
0.5333

■ 81.9546, 0.3412,
0.3610

■ 81.9546, 0.3412,
0.3610

■ 77.0882, 0.3593,
0.3800

■ 87.1628, 0.3244,
0.3425

■ 72.5424, 0.3784,
0.3989

■ 92.7118, 0.3091,
0.3248

■ 68.3097, 0.3981,
0.4168

■ 97.2229, 0.3066,
0.3276

■ 64.3781, 0.4177,
0.4328

■ 98.1559, 0.3066,
0.3290

■ 60.7345, 0.4364,
0.4457

■ 57.3642, 0.4531,
0.4545

■ 54.2501, 0.4671,
0.4584

■ 51.3702, 0.4779,
0.4575

■ 50.6957, 0.4803,
0.4568

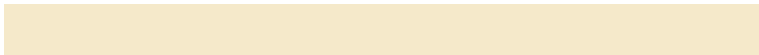
Harmonies

Analogous

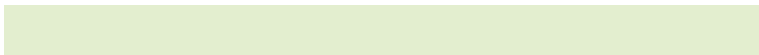
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.9546, 0.3501, 0.3511



81.9546, 0.3412, 0.3610



81.9546, 0.3248, 0.3622

Triad

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



81.9546, 0.3412, 0.3610



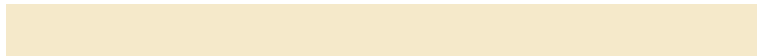
81.9546, 0.2781, 0.3203



81.9546, 0.3192, 0.3059

Complementary

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



81.9546, 0.3412, 0.3610



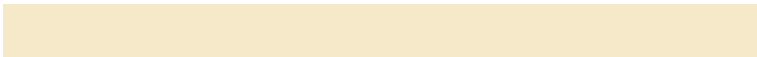
67.2470, 0.2845, 0.2948

Split Complementary

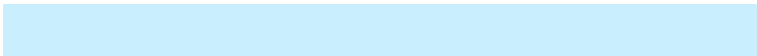
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.9546, 0.2999, 0.2980



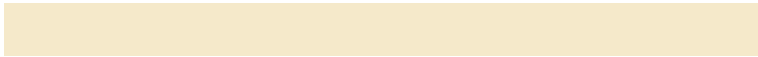
81.9546, 0.3412, 0.3610



81.9546, 0.2767, 0.3056

Square

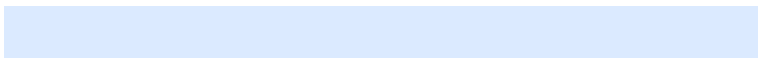
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.9546, 0.3412, 0.3610



81.9546, 0.2885, 0.3381



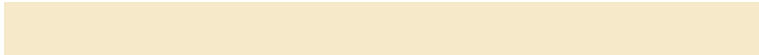
81.9546, 0.2845, 0.2977



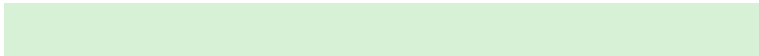
81.9546, 0.3372, 0.3196

Rectangle

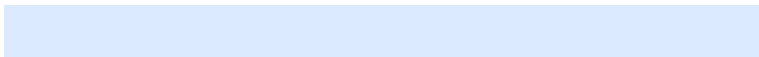
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.9546, 0.3412, 0.3610



81.9546, 0.3119, 0.3576



81.9546, 0.2845, 0.2977



81.9546, 0.3126, 0.3025

Sweetspot

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



81.9582, 0.3412, 0.3610



96.9547, 0.3204, 0.3379



66.5173, 0.3373, 0.3163



20.6623, 0.3215, 0.3391



0.0000, 0.0000, 0.0000



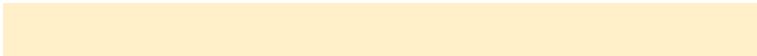
21.4041, 0.3127, 0.3290

Same Dimension

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



81.9582, 0.3412, 0.3610



87.8437, 0.3474, 0.3676



87.3613, 0.3328, 0.3737



18.4853, 0.3275, 0.3460



27.5514, 0.4791, 0.4578



2.5942, 0.4698, 0.4651

Inverse Universe

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



67.2470, 0.2845, 0.2948



69.0205, 0.2784, 0.2872



62.7261, 0.2903, 0.2821



16.6802, 0.2979, 0.3114



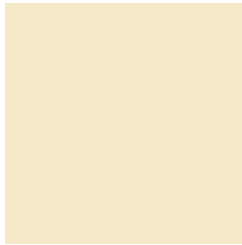
6.0070, 0.1597, 0.0949



0.6941, 0.1664, 0.1189

Previews

White Background



This preview shows how the Yxy color 81.9546, 0.3412, 0.3610 looks on a white background.

Color Contrast Check

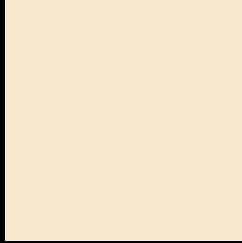
Large Text (above 18pt) WCAG AA × Fail

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 81.9546, 0.3412, 0.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

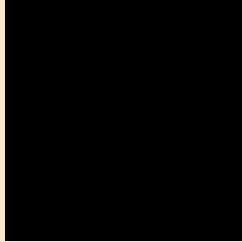
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.9546, 0.3412, 0.3610

Background



This preview shows how black text looks on a background with the Yxy color 81.9546, 0.3412, 0.3610.

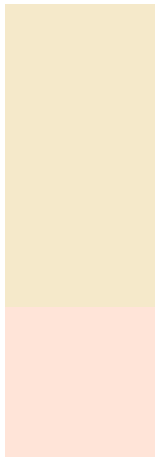


This preview shows how white text looks on a background with the Yxy color 81.9546, 0.3412, 0.3610.

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

81.9546, 0.3412, 0.3610

Protanopia

81.9546, 0.3412, 0.3610

Deuteranopia

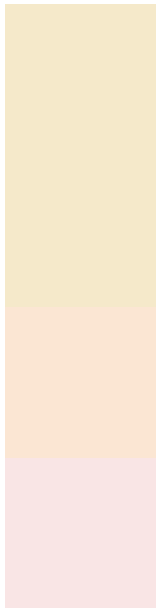
81.7047, 0.3397, 0.3411



Tritanopia

82.0400, 0.3177, 0.3112

Trichromacy



Original Color

81.9546, 0.3412, 0.3610

Protanomaly

81.9546, 0.3412, 0.3610

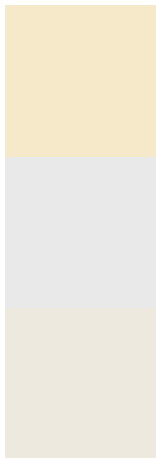
Deuteranomaly

81.8060, 0.3399, 0.3483

Tritanomaly

81.8355, 0.3266, 0.3290

Monochromacy



Original Color

81.9546, 0.3412, 0.3610

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.5563, 0.3224, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.9546, 0.3412, 0.3610 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, 233, 202)` looks like.

```
.text, #text, p{  
    color:rgb(245, 233, 202)  
}
```

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, 233, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 233, 202) }
```

Border

The CSS property to change the border of an element to Yxy 81.9546, 0.3412, 0.3610 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, 233, 202) }
```

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

```
.border{ border-color:rgb(245, 233, 202) }
```

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

Here you see how a box with a 4 pixel rgb(245, 233, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 233, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 233, 202);  
box-shadow:4px 4px 4px 4px rgb(245, 233,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 81.9546, 0.3412, 0.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 233, 202) }
```

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

```
.background{ background-color: rgb(245,  
233, 202) }
```

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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