

Converting Colors

Yxy(81.2514, 0.3278, 0.3520)

Have a look what the booklet for
Yxy(81.2514, 0.3278, 0.3520)
contains.

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Color

Yxy(81.2613, 0.3274, 0.3521)

Conversions

Conversions Part 1

Format	Color
Hex	EBEAD4
RGB	235, 234, 212
RGB Percent	92%, 92%, 83%
CMY	0.0785, 0.0823, 0.1687
CMYK	0.00, 0.00, 0.10, 0.08
HSL	57°, 37%, 88%
HSV	57°, 10%, 92%
XYZ	75.5608, 81.2613, 73.9683
YIQ	231.7910, 7.6580, -6.6300

Conversions

Conversions Part 2

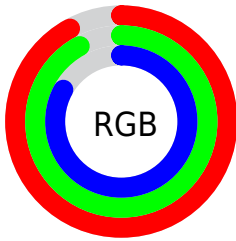
Format	Color
R _Y B	213, 235, 212
Decimal	15461076
CIE Lab	92.25, -3.40, 10.82
CIE LCh	92, 11.340, 107.442
Yxy	81.2613, 0.3274, 0.3521
Android (android.graphics.Color)	4293651156 (0xFFEBEAD4)
YUV	231.7910, -9.7570, 2.8143
Hunter-Lab	90.1450, -8.1328, 14.4513

Details

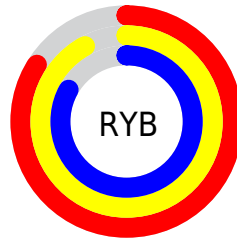
The Yxy color **81.2613, 0.3274, 0.3521** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **67.5500, 0.2974, 0.3048**, and the grayscale version is **80.6011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.8588, 0.3309, 0.3575** is the 20% darker color. If you saturate the color by 10%, you get **79.5992, 0.3429, 0.3763**, and if you desaturate by 10%, it is **83.1063, 0.3124, 0.3285**.

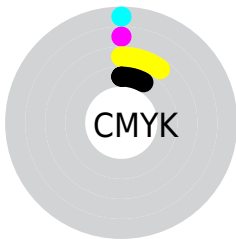
Distribution



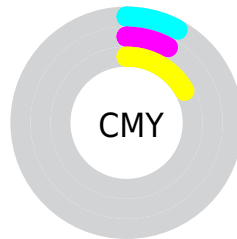
- Red (92%)
- Green (92%)
- Blue (83%)



- Red (84%)
- Yellow (92%)
- Blue (83%)



- Cyan (0%)
- Magenta (0%)
- Yellow (10%)
- Black (8%)



- Cyan (8%)
- Magenta (8%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.2613, 0.3274, 0.3521 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 81.2613, 0.3274, 0.3521 by changing the saturation by 10% instead.

81.2613, 0.3274,
0.3521

81.2613, 0.3274,
0.3521

499.1734, 0.3208,
0.3415

60.7568, 0.3289,
0.3545

135.1376, 0.3251,
0.3485

44.0289, 0.3307,
0.3574

169.2782, 0.3242,
0.3470

30.6933, 0.3329,
0.3611

208.7330, 0.3235,
0.3458

20.3654, 0.3358,
0.3659

253.8864, 0.3228,
0.3447

12.6609, 0.3397,
0.3723

305.1227, 0.3222,
0.3438

7.1955, 0.3451,
0.3815

362.8264, 0.3217,

3.5847, 0.3531,

0.3430

0.3954

427.3818, 0.3212,
0.3422

■ 1.4440, 0.3681,
0.4216

■ 0.2488, 0.3816,
0.6184

■ 81.2613, 0.3274,
0.3521

■ 81.2613, 0.3274,
0.3521

■ 79.5992, 0.3429,
0.3763

■ 83.1063, 0.3124,
0.3285

■ 78.1019, 0.3585,
0.4006


■ 84.8723, 0.3006,
0.3099

■ 76.7650, 0.3738,
0.4239

■ 85.4467, 0.3006,
0.3110

■ 75.5798, 0.3880,
0.4455

■ 86.0243, 0.3006,
0.3120

 74.5369, 0.4006,
0.4642

 86.6052, 0.3006,
0.3130


 73.6258, 0.4111,
0.4793

 87.1892, 0.3006,
0.3140


 72.8344, 0.4190,
0.4901

 87.7765, 0.3006,
0.3150

 72.1484, 0.4241,
0.4965

 88.3669, 0.3006,
0.3160

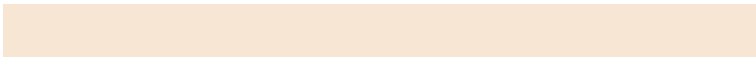
 71.5439, 0.4270,
0.4991

 88.9606, 0.3006,
0.3170

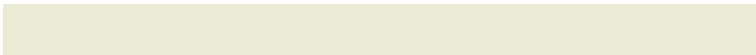
Harmonies

Analogous

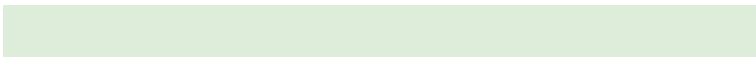
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2613, 0.3362, 0.3482



81.2613, 0.3274, 0.3521



81.2613, 0.3148, 0.3496

Triad

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



81.2613, 0.3274, 0.3521



81.2613, 0.2875, 0.3179



81.2613, 0.3235, 0.3172

Complementary

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



81.2613, 0.3274, 0.3521



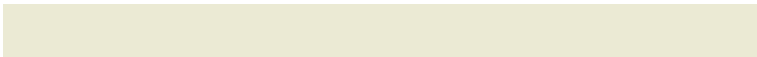
67.5500, 0.2974, 0.3048

Split Complementary

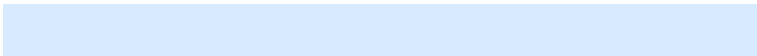
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.2613, 0.3102, 0.3095



81.2613, 0.3274, 0.3521



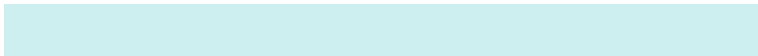
81.2613, 0.2896, 0.3096

Square

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



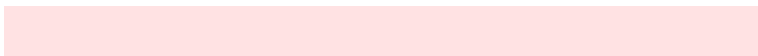
81.2613, 0.3274, 0.3521



81.2613, 0.2919, 0.3295



81.2613, 0.2979, 0.3067



81.2613, 0.3340, 0.3280

Rectangle

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



81.2613, 0.3274, 0.3521



81.2613, 0.3059, 0.3445



81.2613, 0.2979, 0.3067



81.2613, 0.3192, 0.3142

Sweetspot

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



81.2649, 0.3274, 0.3521



99.3106, 0.3172, 0.3360



69.5418, 0.3291, 0.3278



21.2178, 0.3184, 0.3379



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.



81.2649, 0.3274, 0.3521



97.3598, 0.3309, 0.3575



80.1093, 0.3201, 0.3536



17.5112, 0.3269, 0.3513



39.8651, 0.4269, 0.4993



3.1643, 0.4257, 0.5002

Inverse Universe

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



67.5500, 0.2974, 0.3048



77.3585, 0.2936, 0.2988



68.6503, 0.3047, 0.3043



14.6511, 0.2980, 0.3057



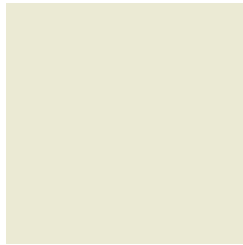
3.5046, 0.1508, 0.0627



0.3113, 0.1528, 0.0700

Previews

White Background



This preview shows how the Yxy color 81.2613, 0.3274, 0.3521 looks on a white background.

Color Contrast Check

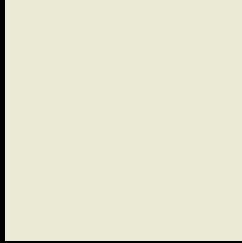
Large Text (above 18pt) WCAG AA × Fail

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 81.2613, 0.3274, 0.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

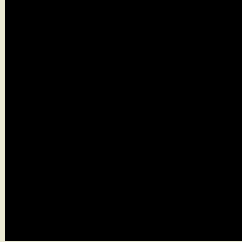
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

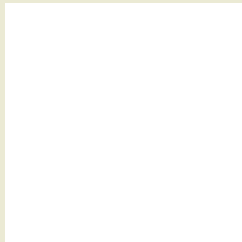
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.2613, 0.3274, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 81.2613, 0.3274, 0.3521.

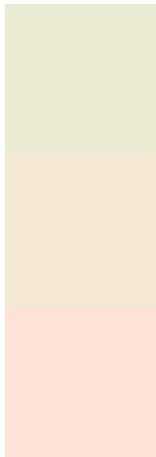


This preview shows how white text looks on a background with the Yxy color 81.2613, 0.3274, 0.3521.

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

81.2613, 0.3274, 0.3521

Protanopia

81.2936, 0.3332, 0.3507

Deuteranopia

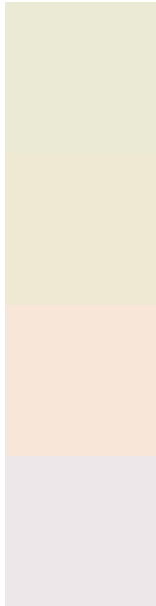
81.3126, 0.3378, 0.3371



Tritanopia

81.2793, 0.3088, 0.3109

Trichromacy



Original Color

81.2613, 0.3274, 0.3521

Protanomaly

81.3317, 0.3310, 0.3519

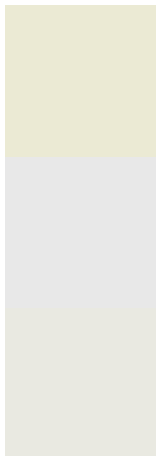
Deuteranomaly

81.5080, 0.3344, 0.3433

Tritanomaly

81.2695, 0.3156, 0.3259

Monochromacy



Original Color

81.2613, 0.3274, 0.3521

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.0377, 0.3178, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.2613, 0.3274, 0.3521 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(235, 234, 212)` looks like.

```
.text, #text, p{  
    color:rgb(235, 234, 212)  
}
```

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(235, 234, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 234, 212) }
```

Border

The CSS property to change the border of an element to Yxy 81.2613, 0.3274, 0.3521 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(235, 234, 212) }
```

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

```
.border{ border-color:rgb(235, 234, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 234, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 234, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 234, 212);  
box-shadow:4px 4px 4px 4px rgb(235, 234,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 81.2613, 0.3274, 0.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 234, 212) }
```

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

```
.background{ background-color: rgb(235,  
234, 212) }
```

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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