

Converting Colors

Yxy(80.9628, 0.3349, 0.3501)

Have a look what the booklet for
Yxy(80.9628, 0.3349, 0.3501)
contains.

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Color

Yxy(81.0881, 0.3348, 0.3496)

Conversions

Conversions Part 1

Format	Color
Hex	F4E7D3
RGB	244, 231, 211
RGB Percent	96%, 91%, 83%
CMY	0.0430, 0.0942, 0.1725
CMYK	0.00, 0.05, 0.14, 0.04
HSL	36°, 60%, 89%
HSV	36°, 14%, 96%
XYZ	77.6553, 81.0881, 73.2020
YIQ	232.6070, 14.1680, -3.4640

Conversions

Conversions Part 2

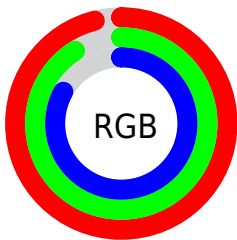
Format	Color
R_{YB}	232, 244, 211
Decimal	16050131
CIE _{Lab}	92.17, 1.17, 11.29
CIE _{LCh}	92, 11.356, 84.067
Yxy	81.0881, 0.3348, 0.3496
Android (android.graphics.Color)	4294240211 (0xFFFF4E7D3)
YUV	232.6070, -10.6523, 9.9917
Hunter-Lab	90.0489, -3.6530, 14.8366

Details

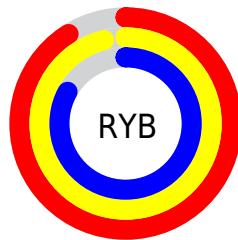
The Yxy color **81.0881, 0.3348, 0.3496** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.7401, 0.2914, 0.3075**, and the grayscale version is **81.2553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.7516, 0.3406, 0.3543** is the 20% darker color. If you saturate the color by 10%, you get **74.7065, 0.3534, 0.3656**, and if you desaturate by 10%, it is **87.9604, 0.3181, 0.3342**.

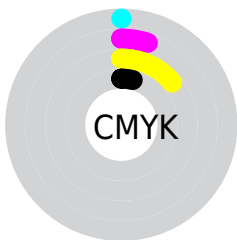
Distribution



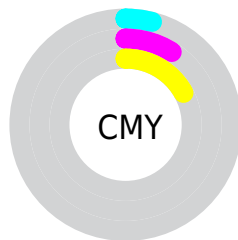
- Red (96%)
- Green (91%)
- Blue (83%)



- Red (91%)
- Yellow (96%)
- Blue (83%)



- Cyan (0%)
- Magenta (5%)
- Yellow (14%)
- Black (4%)





- Cyan (4%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.0881, 0.3348, 0.3496 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 81.0881, 0.3348, 0.3496 by changing the saturation by 10% instead.


 81.0881, 0.3348,
0.3496

 81.0881, 0.3348,
0.3496


498.5923, 0.3248,
0.3403

 60.6142, 0.3371,
0.3517


134.8945, 0.3313,
0.3464

 43.9139, 0.3398,
0.3542


168.9957, 0.3300,
0.3452

 30.6028, 0.3433,
0.3574


208.4081, 0.3288,
0.3441

 20.2966, 0.3478,
0.3615

253.5161, 0.3278,
0.3431

 12.6108, 0.3538,
0.3670

304.7042, 0.3269,
0.3423

 7.1611, 0.3622,
0.3747

362.3566, 0.3261,

 3.5631, 0.3749,

0.3415

0.3861

426.8579, 0.3254,
0.3409

■ 1.4323, 0.3991,
0.4080

■ 0.2403, 0.5168,
0.4832

■ 81.0881, 0.3348,
0.3496

■ 81.0881, 0.3348,
0.3496

■ 74.7065, 0.3534,
0.3656

■ 87.9604, 0.3181,
0.3342

■ 68.7918, 0.3738,
0.3819

■ 95.0098, 0.3061,
0.3244

■ 63.3336, 0.3958,
0.3977

■ 97.9809, 0.3060,
0.3290

■ 58.3173, 0.4190,
0.4123

■ 53.7269, 0.4424,
0.4244

■ 49.5450, 0.4650,
0.4328

■ 45.7522, 0.4855,
0.4365

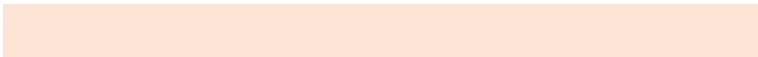
■ 42.3258, 0.5028,
0.4348

■ 40.2849, 0.5123,
0.4314

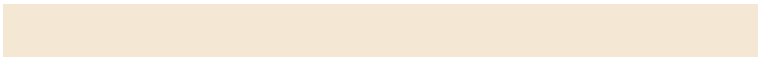
Harmonies

Analogous

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



81.0881, 0.3388, 0.3416



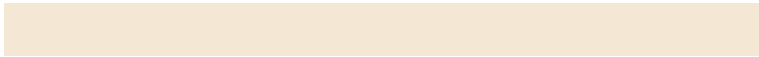
81.0881, 0.3348, 0.3496



81.0881, 0.3248, 0.3522

Triad

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



81.0881, 0.3348, 0.3496



81.0881, 0.2903, 0.3268



81.0881, 0.3132, 0.3108

Complementary

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



81.0881, 0.3348, 0.3496



73.7401, 0.2914, 0.3075

Split Complementary

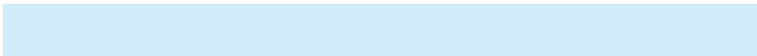
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.0881, 0.3003, 0.3068



81.0881, 0.3348, 0.3496



81.0881, 0.2873, 0.3156

Square

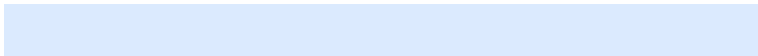
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.0881, 0.3348, 0.3496



81.0881, 0.2992, 0.3388



81.0881, 0.2909, 0.3084



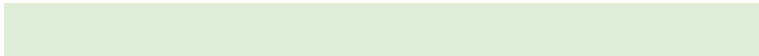
81.0881, 0.3262, 0.3194

Rectangle

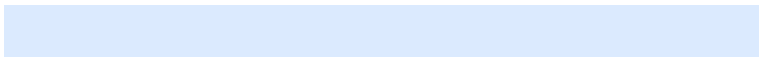
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.0881, 0.3348, 0.3496



81.0881, 0.3163, 0.3503



81.0881, 0.2909, 0.3084



81.0881, 0.3087, 0.3089

Sweetspot

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



81.0917, 0.3348, 0.3496



96.8145, 0.3189, 0.3349



71.2362, 0.3281, 0.3154



20.5962, 0.3201, 0.3361



0.0000, 0.0000, 0.0000



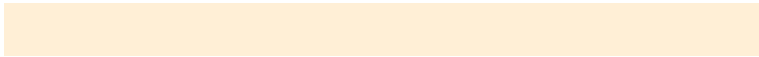
21.4041, 0.3127, 0.3290

Same Dimension

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



81.0917, 0.3348, 0.3496



87.7826, 0.3393, 0.3536



88.0872, 0.3308, 0.3628



18.1499, 0.3278, 0.3433



22.1702, 0.5105, 0.4329



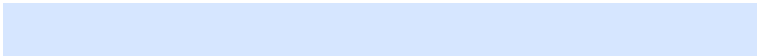
2.1487, 0.4959, 0.4444

Inverse Universe

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



73.7401, 0.2914, 0.3075



78.3234, 0.2873, 0.3031



67.4806, 0.2933, 0.2933



17.0015, 0.2980, 0.3143



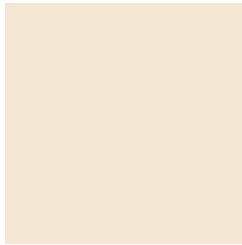
8.3946, 0.1680, 0.1248



0.9324, 0.1749, 0.1495

Previews

White Background



This preview shows how the Yxy color 81.0881, 0.3348, 0.3496 looks on a white background.

Color Contrast Check

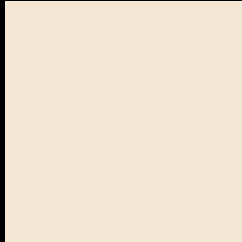
Large Text (above 18pt) WCAG AA × Fail

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 81.0881, 0.3348, 0.3496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

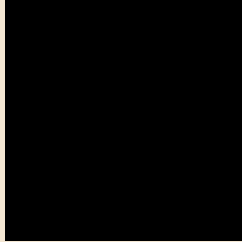
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

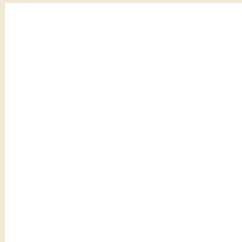
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.0881, 0.3348, 0.3496

Background



This preview shows how black text looks on a background with the Yxy color 81.0881, 0.3348, 0.3496.

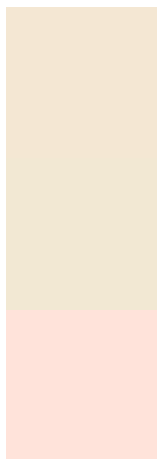


This preview shows how white text looks on a background with the Yxy color 81.0881, 0.3348, 0.3496.

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

81.0881, 0.3348, 0.3496

Protanopia

81.2936, 0.3332, 0.3507

Deuteranopia

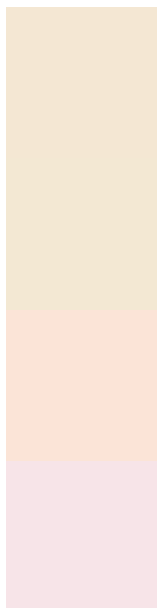
81.2601, 0.3385, 0.3381



Tritanopia

81.0641, 0.3170, 0.3111

Trichromacy



Original Color

81.0881, 0.3348, 0.3496

Protanomaly

81.4711, 0.3339, 0.3507

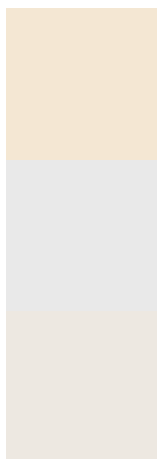
Deuteranomaly

80.9023, 0.3375, 0.3422

Tritanomaly

81.0872, 0.3233, 0.3250

Monochromacy



Original Color

81.0881, 0.3348, 0.3496

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.1540, 0.3206, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0881, 0.3348, 0.3496 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(244, 231, 211)` looks like.

```
.text, #text, p{  
    color:rgb(244, 231, 211)  
}
```

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(244, 231, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 231, 211) }
```

Border

The CSS property to change the border of an element to Yxy 81.0881, 0.3348, 0.3496 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(244, 231, 211) }
```

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

```
.border{ border-color:rgb(244, 231, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 231, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 231, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 231, 211);  
box-shadow:4px 4px 4px 4px rgb(244, 231,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0881, 0.3348, 0.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 231, 211) }
```

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

```
.background{ background-color: rgb(244,  
231, 211) }
```

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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