

Converting Colors

Yxy(80.9487, 0.3405, 0.3482)

Have a look what the booklet for
Yxy(80.9487, 0.3405, 0.3482)
contains.

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Color

Yxy(81.0158, 0.3401, 0.3484)

Conversions

Conversions Part 1

Format	Color
Hex	FAE5D2
RGB	250, 229, 210
RGB Percent	98%, 90%, 82%
CMY	0.0195, 0.1020, 0.1765
CMYK	0.00, 0.08, 0.16, 0.02
HSL	28°, 80%, 90%
HSV	28°, 16%, 98%
XYZ	79.0857, 81.0158, 72.4352
YIQ	233.1130, 18.6150, -1.4570

Conversions

Conversions Part 2

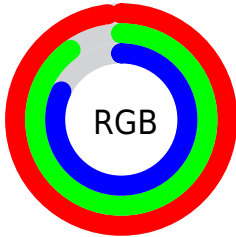
Format	Color
R _Y B	250, 246, 210
Decimal	16442834
CIE Lab	92.14, 4.16, 11.85
CIE LCh	92, 12.564, 70.640
Yxy	81.0158, 0.3401, 0.3484
Android (android.graphics.Color)	4294632914 (0xFFFAE5D2)
YUV	233.1130, -11.3947, 14.8099
Hunter-Lab	90.0088, -0.6773, 15.2921

Details

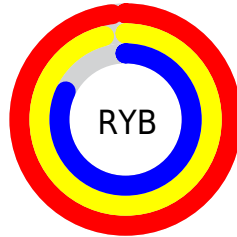
The Yxy color **81.0158, 0.3401, 0.3484** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **77.7771, 0.2875, 0.3088**, and the grayscale version is **81.6569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.0099, 0.3455, 0.3526** is the 20% darker color. If you saturate the color by 10%, you get **72.8709, 0.3605, 0.3613**, and if you desaturate by 10%, it is **89.9130, 0.3223, 0.3361**.

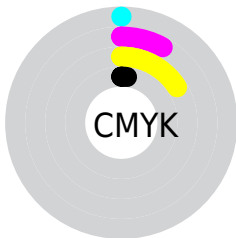
Distribution



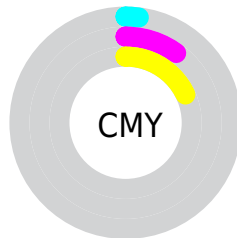
- Red (98%)
- Green (90%)
- Blue (82%)



- Red (98%)
- Yellow (96%)
- Blue (82%)



- Cyan (0%)
- Magenta (8%)
- Yellow (16%)
- Black (2%)





- Cyan (2%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.0158, 0.3401, 0.3484 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 81.0158, 0.3401, 0.3484 by changing the saturation by 10% instead.


 81.0158, 0.3401,
0.3484

 81.0158, 0.3401,
0.3484


498.3496, 0.3276,
0.3397

 60.5546, 0.3429,
0.3503


134.7930, 0.3358,
0.3454

 43.8658, 0.3464,
0.3527


168.8777, 0.3341,
0.3443

 30.5650, 0.3507,
0.3556


208.2724, 0.3327,
0.3432

 20.2679, 0.3563,
0.3593

253.3615, 0.3314,
0.3424

 12.5899, 0.3638,
0.3643

304.5294, 0.3303,
0.3416

 7.1468, 0.3744,
0.3711

362.1605, 0.3293,

 3.5541, 0.3904,

0.3409

0.3810

426.6390, 0.3284,
0.3403

■ 1.4274, 0.4213,
0.4006

■ 0.2368, 0.5798,
0.4202

■ 81.0158, 0.3401,
0.3484

■ 81.0158, 0.3401,
0.3484

■ 72.8709, 0.3605,
0.3613

■ 89.9130, 0.3223,
0.3361

■ 65.4463, 0.3836,
0.3743

■ 99.0713, 0.3097,
0.3290

■ 58.7234, 0.4092,
0.3868

■ 52.6786, 0.4370,
0.3979

■ 47.2867, 0.4660,
0.4063

■ 42.5202, 0.4946,
0.4109

■ 38.3489, 0.5210,
0.4103

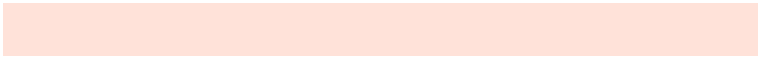
■ 34.7380, 0.5431,
0.4041

■ 33.4406, 0.5511,
0.4007

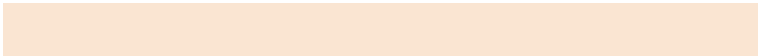
Harmonies

Analogous

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



81.0158, 0.3410, 0.3376



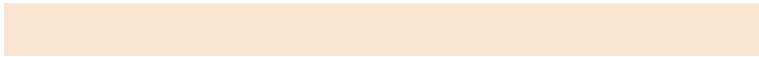
81.0158, 0.3401, 0.3484



81.0158, 0.3317, 0.3543

Triad

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



81.0158, 0.3401, 0.3484



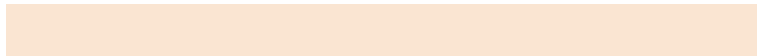
81.0158, 0.2916, 0.3326



81.0158, 0.3066, 0.3062

Complementary

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



81.0158, 0.3401, 0.3484



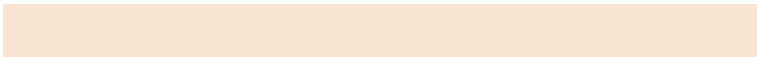
77.7771, 0.2875, 0.3088

Split Complementary

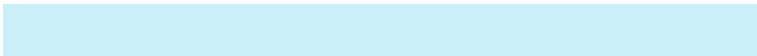
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.0158, 0.2937, 0.3045



81.0158, 0.3401, 0.3484



81.0158, 0.2852, 0.3193

Square

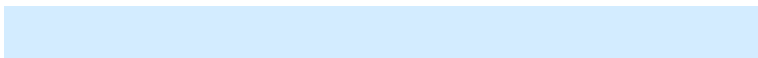
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.0158, 0.3401, 0.3484



81.0158, 0.3037, 0.3452



81.0158, 0.2860, 0.3091



81.0158, 0.3214, 0.3136

Rectangle

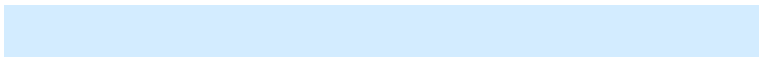
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.0158, 0.3401, 0.3484



81.0158, 0.3231, 0.3544



81.0158, 0.2860, 0.3091



81.0158, 0.3019, 0.3049

Sweetspot

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



81.0194, 0.3401, 0.3484



95.0052, 0.3206, 0.3349



72.2094, 0.3276, 0.3074



20.1882, 0.3218, 0.3357



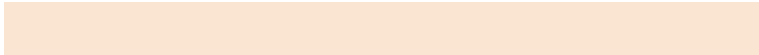
0.0000, 0.0000, 0.0000



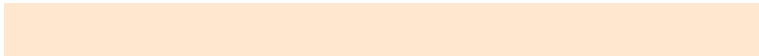
21.4041, 0.3127, 0.3290

Same Dimension

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



81.0194, 0.3401, 0.3484



82.0808, 0.3459, 0.3522



92.5528, 0.3370, 0.3676



18.5837, 0.3282, 0.3403



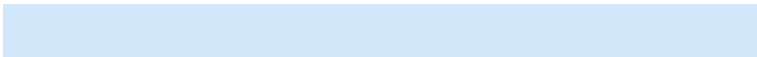
18.0153, 0.5484, 0.4028



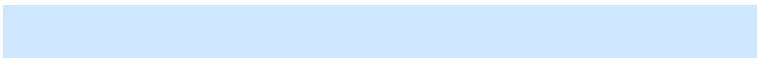
1.8791, 0.5290, 0.4182

Inverse Universe

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



77.7771, 0.2875, 0.3088



78.1397, 0.2827, 0.3046



67.3557, 0.2866, 0.2872



18.1527, 0.2980, 0.3175



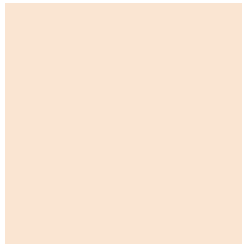
12.6153, 0.1795, 0.1661



1.3808, 0.1853, 0.1869

Previews

White Background



This preview shows how the Yxy color 81.0158, 0.3401, 0.3484 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 81.0158, 0.3401, 0.3484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

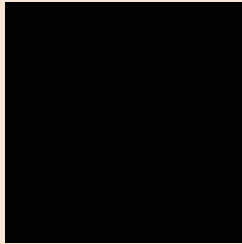
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.0158, 0.3401, 0.3484

Background



This preview shows how black text looks on a background with the Yxy color 81.0158, 0.3401, 0.3484.

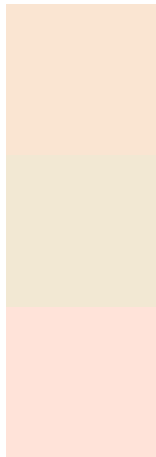


This preview shows how white text looks on a background with the Yxy color 81.0158, 0.3401, 0.3484.

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

81.0158, 0.3401, 0.3484

Protanopia

81.2936, 0.3332, 0.3507

Deuteranopia

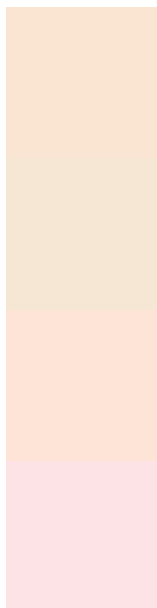
81.2079, 0.3392, 0.3391



Tritanopia

80.7929, 0.3219, 0.3113

Trichromacy



Original Color

81.0158, 0.3401, 0.3484

Protanomaly

81.2675, 0.3355, 0.3496

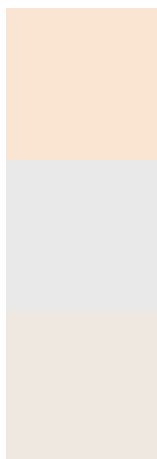
Deuteranomaly

81.2245, 0.3397, 0.3432

Tritanomaly

80.9885, 0.3291, 0.3251

Monochromacy



Original Color

81.0158, 0.3401, 0.3484

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.5002, 0.3220, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0158, 0.3401, 0.3484 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(250, 229, 210)` looks like.

```
.text, #text, p{  
    color:rgb(250, 229, 210)  
}
```

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(250, 229, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 229, 210) }
```

Border

The CSS property to change the border of an element to Yxy 81.0158, 0.3401, 0.3484 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(250, 229, 210) }
```

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

```
.border{ border-color:rgb(250, 229, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 229, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 229, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 229, 210);  
box-shadow:4px 4px 4px 4px rgb(250, 229,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0158, 0.3401, 0.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 229, 210) }
```

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

```
.background{ background-color: rgb(250,  
229, 210) }
```

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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