

Converting Colors

Yxy(81.5618, 0.3350, 0.3458)

Have a look what the booklet for
Yxy(81.5618, 0.3350, 0.3458)
contains.

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Color

Yxy(81.7810, 0.3349, 0.3464)

Conversions

Conversions Part 1

Format	Color
Hex	F7E7D6
RGB	247, 231, 214
RGB Percent	97%, 91%, 84%
CMY	0.0315, 0.0941, 0.1607
CMYK	0.00, 0.06, 0.13, 0.03
HSL	31°, 67%, 90%
HSV	31°, 13%, 97%
XYZ	79.0660, 81.7810, 75.2414
YIQ	233.8460, 14.9930, -1.8950

Conversions

Conversions Part 2

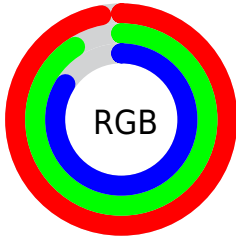
Format	Color
R _{YB}	245, 247, 214
Decimal	16246742
CIE Lab	92.48, 2.66, 10.21
CIE LCh	92, 10.554, 75.386
Yxy	81.7810, 0.3349, 0.3464
Android (android.graphics.Color)	4294436822 (0xFFFF7E7D6)
YUV	233.8460, -9.7841, 11.5361
Hunter-Lab	90.4328, -2.1939, 13.9729

Details

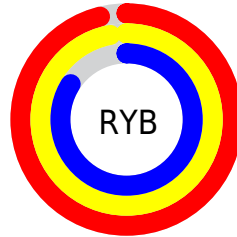
The Yxy color **81.7810, 0.3349, 0.3464** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.5908, 0.2918, 0.3110**, and the grayscale version is **82.2244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.1103, 0.3399, 0.3501** is the 20% darker color. If you saturate the color by 10%, you get **74.1484, 0.3542, 0.3602**, and if you desaturate by 10%, it is **90.0696, 0.3179, 0.3332**.

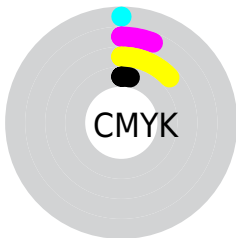
Distribution



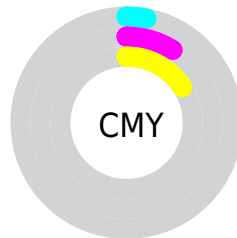
- Red (97%)
- Green (91%)
- Blue (84%)



- Red (96%)
- Yellow (97%)
- Blue (84%)



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (3%)





- Cyan (3%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.7810, 0.3349, 0.3464 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 81.7810, 0.3349, 0.3464 by changing the saturation by 10% instead.

 81.7810, 0.3349,
0.3464

 81.7810, 0.3349,
0.3464


500.9149, 0.3248,
0.3386

 61.1850, 0.3372,
0.3481

135.8668, 0.3314,
0.3437

 44.3745, 0.3399,
0.3503


170.1255, 0.3301,
0.3427

 30.9650, 0.3434,
0.3529


209.7072, 0.3289,
0.3418

 20.5722, 0.3479,
0.3563

254.9963, 0.3279,
0.3410

 12.8117, 0.3540,
0.3608

306.3772, 0.3270,
0.3403

 7.2990, 0.3625,
0.3671

364.2344, 0.3262,

 3.6498, 0.3753,

0.3396

0.3764

428.9521, 0.3255,
0.3391

■ 1.4797, 0.3979,
0.3925

■ 0.2743, 0.5428,
0.4572

■ 81.7810, 0.3349,
0.3464

■ 81.7810, 0.3349,
0.3464

■ 74.1484, 0.3542,
0.3602

■ 90.0696, 0.3179,
0.3332

■ 67.1434, 0.3759,
0.3743

■ 98.4671, 0.3078,
0.3289

■ 60.7510, 0.3999,
0.3880

■ 98.5101, 0.3078,
0.3290

■ 54.9515, 0.4259,
0.4005

■ 49.7237, 0.4529,
0.4108

■ 45.0450, 0.4798,
0.4174

■ 40.8900, 0.5048,
0.4193

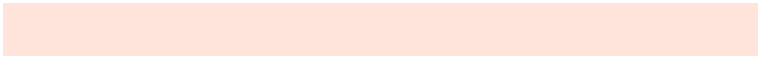
■ 37.2301, 0.5263,
0.4155

■ 35.0470, 0.5387,
0.4105

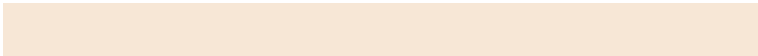
Harmonies

Analogous

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



81.7810, 0.3367, 0.3379



81.7810, 0.3349, 0.3464



81.7810, 0.3271, 0.3504

Triad

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



81.7810, 0.3349, 0.3464



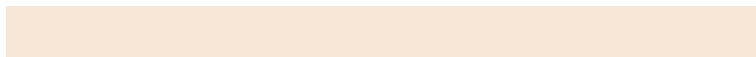
81.7810, 0.2938, 0.3302



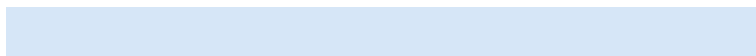
81.7810, 0.3096, 0.3105

Complementary

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



81.7810, 0.3349, 0.3464



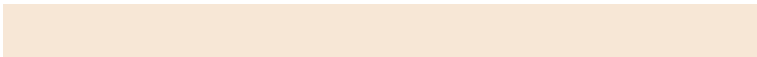
77.5908, 0.2918, 0.3110

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.



81.7810, 0.2983, 0.3083



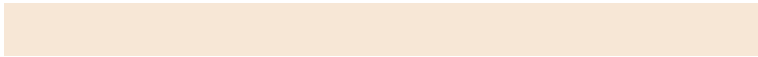
81.7810, 0.3349, 0.3464



81.7810, 0.2893, 0.3194

Square

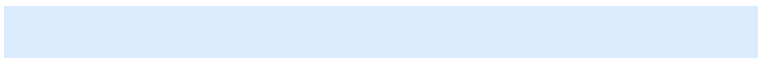
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.7810, 0.3349, 0.3464



81.7810, 0.3033, 0.3410



81.7810, 0.2909, 0.3114



81.7810, 0.3219, 0.3174

Rectangle

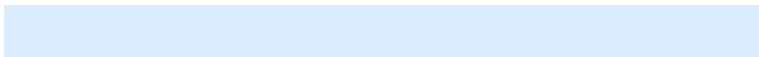
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.7810, 0.3349, 0.3464



81.7810, 0.3196, 0.3498



81.7810, 0.2909, 0.3114



81.7810, 0.3055, 0.3092

Sweetspot

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



81.7846, 0.3349, 0.3464



96.2493, 0.3190, 0.3341



73.6088, 0.3256, 0.3122



20.4531, 0.3202, 0.3350



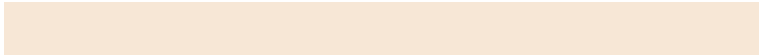
0.0000, 0.0000, 0.0000



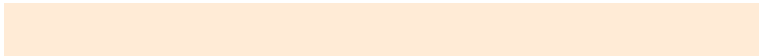
21.4041, 0.3127, 0.3290

Same Dimension

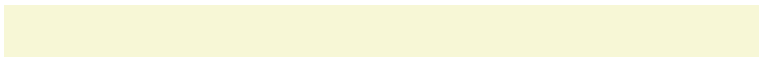
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.7846, 0.3349, 0.3464



85.6810, 0.3398, 0.3500



91.1336, 0.3327, 0.3621



17.8962, 0.3281, 0.3412



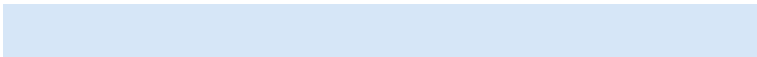
18.8250, 0.5362, 0.4125



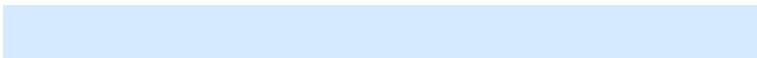
1.8603, 0.5176, 0.4273

Inverse Universe

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



77.5908, 0.2918, 0.3110



80.3676, 0.2875, 0.3070



69.1093, 0.2913, 0.2936



17.2512, 0.2980, 0.3165



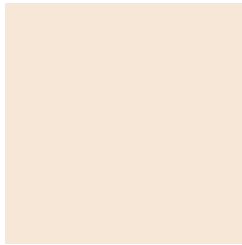
10.8880, 0.1757, 0.1525



1.1618, 0.1821, 0.1756

Previews

White Background



This preview shows how the Yxy color 81.7810, 0.3349, 0.3464 looks on a white background.

Color Contrast Check

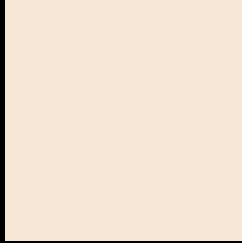
Large Text (above 18pt) WCAG AA × Fail

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 81.7810, 0.3349, 0.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

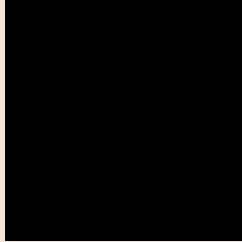
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

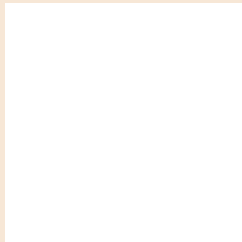
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.7810, 0.3349, 0.3464

Background



This preview shows how black text looks on a background with the Yxy color 81.7810, 0.3349, 0.3464.

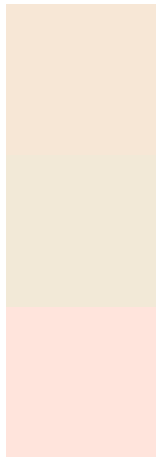


This preview shows how white text looks on a background with the Yxy color 81.7810, 0.3349, 0.3464.

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

81.7810, 0.3349, 0.3464

Protanopia

82.0614, 0.3305, 0.3476

Deuteranopia

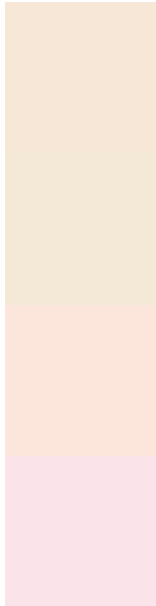
81.9141, 0.3370, 0.3371



Tritanopia

81.9791, 0.3183, 0.3122

Trichromacy



Original Color

81.7810, 0.3349, 0.3464

Protanomaly

81.8526, 0.3320, 0.3465

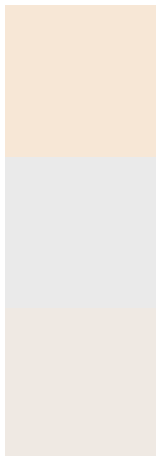
Deuteranomaly

81.7960, 0.3361, 0.3401

Tritanomaly

81.6940, 0.3248, 0.3240

Monochromacy



Original Color

81.7810, 0.3349, 0.3464

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.1746, 0.3206, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.7810, 0.3349, 0.3464 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(247, 231, 214)` looks like.

```
.text, #text, p{  
    color:rgb(247, 231, 214)  
}
```

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(247, 231, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 231, 214) }
```

Border

The CSS property to change the border of an element to Yxy 81.7810, 0.3349, 0.3464 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(247, 231, 214) }
```

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

```
.border{ border-color:rgb(247, 231, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 231, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 231, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 231, 214);  
box-shadow:4px 4px 4px 4px rgb(247, 231,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 81.7810, 0.3349, 0.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 231, 214) }
```

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

```
.background{ background-color: rgb(247,  
231, 214) }
```

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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