

Converting Colors

$Yxy(81.9841, 0.3307, 0.3331)$

Have a look what the booklet for
Yxy(81.9841, 0.3307, 0.3331)
contains.

Yxy(81.9841, 0.3307, 0.3331)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(81.9841, 0.3307, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	FBE5E1
RGB	251, 229, 225
RGB Percent	98%, 90%, 88%
CMY	0.0156, 0.1019, 0.1178
CMYK	0.00, 0.09, 0.10, 0.02
HSL	9°, 77%, 93%
HSV	9°, 10%, 98%
XYZ	81.3934, 81.9841, 82.7471
YIQ	235.1220, 14.3960, 3.4200

Conversions

Conversions Part 2

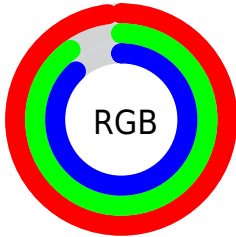
Format	Color
R _Y B	251, 230, 225
Decimal	16508385
CIE Lab	92.57, 6.85, 4.67
CIE LCh	93, 8.288, 34.317
Yxy	81.9841, 0.3307, 0.3331
Android (android.graphics.Color)	4294698465 (0xFFFB E5E1)
YUV	235.1220, -4.9901, 13.9250
Hunter-Lab	90.5451, 2.0046, 9.1978

Details

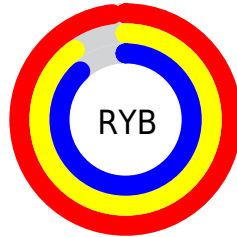
The Yxy color **81.9841, 0.3307, 0.3331** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.4775, 0.2967, 0.3249**, and the grayscale version is **83.2081, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.6437, 0.3342, 0.3342** is the 20% darker color. If you saturate the color by 10%, you get **69.6860, 0.3520, 0.3373**, and if you desaturate by 10%, it is **95.9252, 0.3133, 0.3291**.

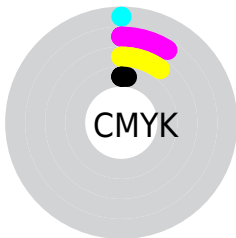
Distribution



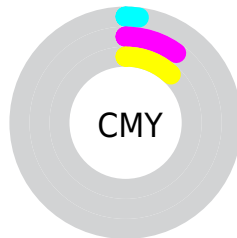
- Red (98%)
- Green (90%)
- Blue (88%)



- Red (98%)
- Yellow (90%)
- Blue (88%)



- Cyan (0%)
- Magenta (9%)
- Yellow (10%)
- Black (2%)





- Cyan (2%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.9841, 0.3307, 0.3331 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 81.9841, 0.3307, 0.3331 by changing the saturation by 10% instead.

 81.9841, 0.3307,
0.3331

 81.9841, 0.3307,
0.3331


501.5945, 0.3225,
0.3313

 61.3524, 0.3325,
0.3335


136.1517, 0.3279,
0.3325

 44.5097, 0.3348,
0.3340

170.4564, 0.3268,
0.3323

 31.0714, 0.3376,
0.3345


210.0876, 0.3258,
0.3320

 20.6532, 0.3413,
0.3353

255.4297, 0.3250,
0.3319

 12.8707, 0.3462,
0.3362

306.8670, 0.3243,
0.3317

 7.3396, 0.3532,
0.3375

364.7840, 0.3236,

 3.6754, 0.3639,

0.3316

0.3392

429.5650, 0.3230,
0.3314

■ 1.4937, 0.3822,
0.3418

■ 0.2843, 0.6060,
0.3940

■ 81.9841, 0.3307,
0.3331

■ 81.9841, 0.3307,
0.3331

■ 69.6860, 0.3520,
0.3373

■ 95.9252, 0.3133,
0.3291

■ 58.9599, 0.3778,
0.3417

■ 99.2516, 0.3103,
0.3290

■ 49.7453, 0.4090,
0.3461

■ 41.9740, 0.4456,
0.3499

■ 35.5723, 0.4870,
0.3525

■ 30.4600, 0.5307,
0.3532

■ 26.5483, 0.5723,
0.3513

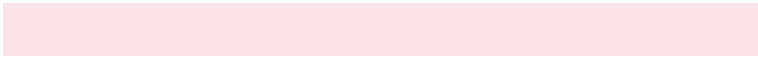
■ 23.7371, 0.6060,
0.3463

■ 21.9549, 0.6274,
0.3400

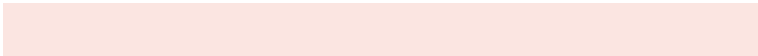
Harmonies

Analogous

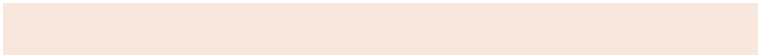
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.9841, 0.3253, 0.3247



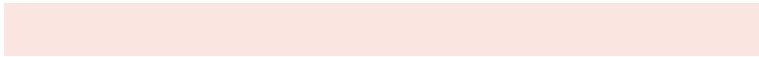
81.9841, 0.3307, 0.3331



81.9841, 0.3312, 0.3406

Triad

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



81.9841, 0.3307, 0.3331



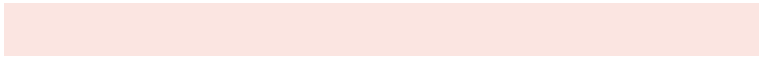
81.9841, 0.3088, 0.3409



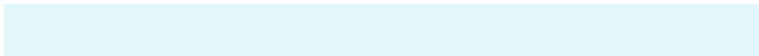
81.9841, 0.2988, 0.3131

Complementary

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



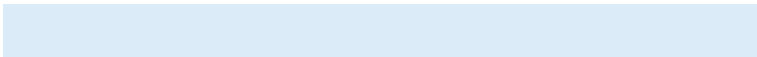
81.9841, 0.3307, 0.3331



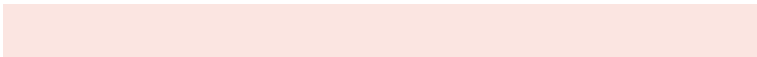
89.4775, 0.2967, 0.3249

Split Complementary

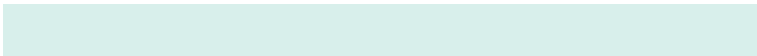
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.9841, 0.2945, 0.3171



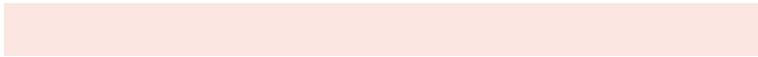
81.9841, 0.3307, 0.3331



81.9841, 0.3003, 0.3333

Square

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



81.9841, 0.3307, 0.3331



81.9841, 0.3185, 0.3453



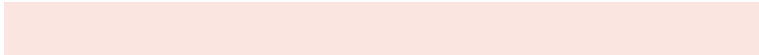
81.9841, 0.2951, 0.3245



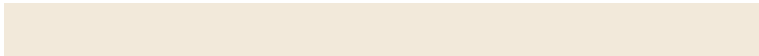
81.9841, 0.3068, 0.3133

Rectangle

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



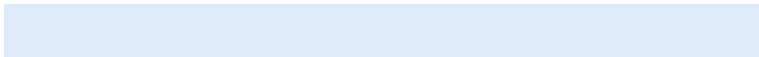
81.9841, 0.3307, 0.3331



81.9841, 0.3287, 0.3440



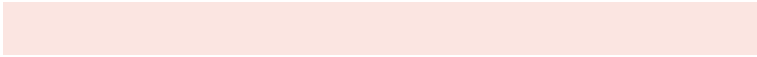
81.9841, 0.2951, 0.3245



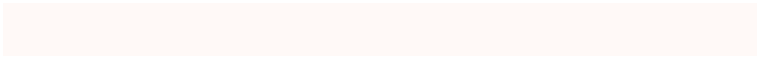
81.9841, 0.2969, 0.3140

Sweetspot

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



81.9877, 0.3307, 0.3331



95.4613, 0.3175, 0.3302



81.0685, 0.3164, 0.3072



20.1787, 0.3189, 0.3305



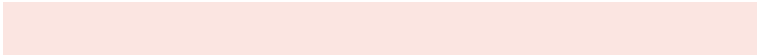
0.0000, 0.0000, 0.0000



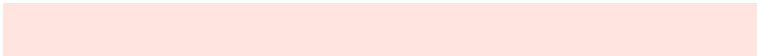
21.4041, 0.3127, 0.3290

Same Dimension

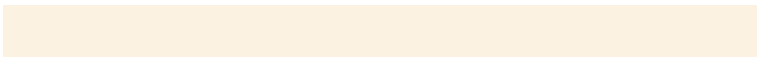
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.9877, 0.3307, 0.3331



82.7796, 0.3339, 0.3338



89.3900, 0.3292, 0.3458



17.6591, 0.3290, 0.3327



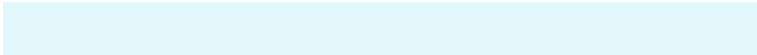
11.6705, 0.6253, 0.3417



1.2042, 0.6055, 0.3575

Inverse Universe

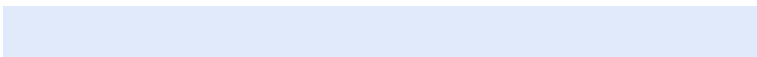
The Inverse Universe completely reimagines the original color for something new.



89.4775, 0.2967, 0.3249



91.6643, 0.2942, 0.3242



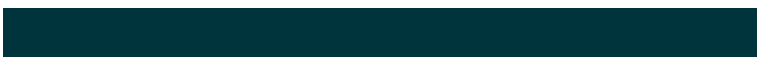
81.8633, 0.2965, 0.3116



19.1236, 0.2980, 0.3252



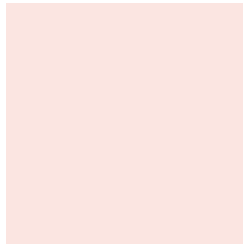
28.6196, 0.2108, 0.2789



2.7702, 0.2127, 0.2855

Previews

White Background



This preview shows how the Yxy color 81.9841, 0.3307, 0.3331 looks on a white background.

Color Contrast Check

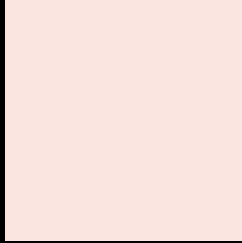
Large Text (above 18pt) WCAG AA × Fail

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 81.9841, 0.3307, 0.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

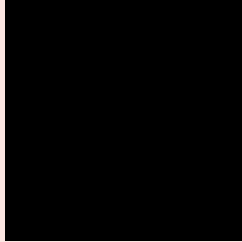
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

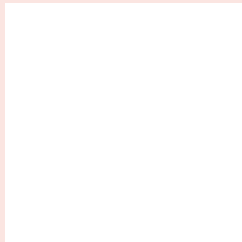
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.9841, 0.3307, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 81.9841, 0.3307, 0.3331.

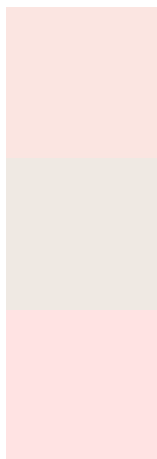


This preview shows how white text looks on a background with the Yxy color 81.9841, 0.3307, 0.3331.

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

81.9841, 0.3307, 0.3331

Protanopia

82.1746, 0.3206, 0.3352

Deuteranopia

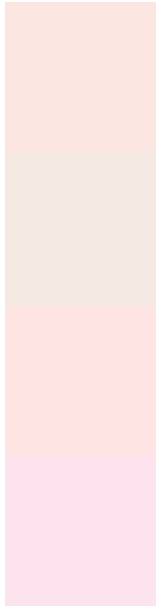
81.7442, 0.3324, 0.3291



Tritanopia

81.9952, 0.3205, 0.3113

Trichromacy



Original Color

81.9841, 0.3307, 0.3331

Protanomaly

82.2589, 0.3241, 0.3351

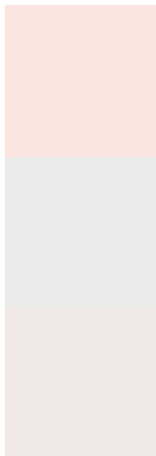
Deuteranomaly

82.0486, 0.3322, 0.3311

Tritanomaly

81.9352, 0.3243, 0.3191

Monochromacy



Original Color

81.9841, 0.3307, 0.3331

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.7481, 0.3194, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.9841, 0.3307, 0.3331 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(251, 229, 225)` looks like.

```
.text, #text, p{  
    color:rgb(251, 229, 225)  
}
```

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(251, 229, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 229, 225) }
```

Border

The CSS property to change the border of an element to Yxy 81.9841, 0.3307, 0.3331 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(251, 229, 225) }
```

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

```
.border{ border-color:rgb(251, 229, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 229, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 229, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 229, 225);  
box-shadow:4px 4px 4px 4px rgb(251, 229,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 81.9841, 0.3307, 0.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 229, 225) }
```

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

```
.background{ background-color: rgb(251,  
229, 225) }
```

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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