

Converting Colors

$Yxy(81.1562, 0.3334, 0.3361)$

Have a look what the booklet for
Yxy(81.1562, 0.3334, 0.3361)
contains.

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Color

Yxy(81.2165, 0.3335, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	FBE4DD
RGB	251, 228, 221
RGB Percent	98%, 89%, 87%
CMY	0.0155, 0.1059, 0.1333
CMYK	0.00, 0.09, 0.12, 0.02
HSL	14°, 79%, 93%
HSV	14°, 12%, 98%
XYZ	80.5882, 81.2165, 79.8391
YIQ	234.0790, 15.9550, 2.6990

Conversions

Conversions Part 2

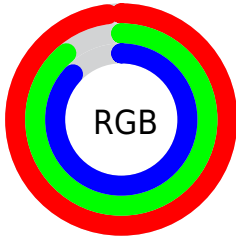
Format	Color
R _Y B	251, 230, 221
Decimal	16508125
CIE Lab	92.23, 6.74, 6.25
CIE LCh	92, 9.192, 42.842
Yxy	81.2165, 0.3335, 0.3361
Android (android.graphics.Color)	4294698205 (0xFFFB E4DD)
YUV	234.0790, -6.4479, 14.8397
Hunter-Lab	90.1202, 1.9098, 10.5580

Details

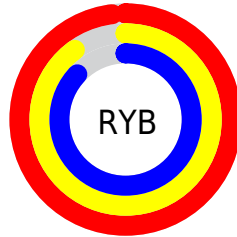
The Yxy color **81.2165, 0.3335, 0.3361** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.0718, 0.2942, 0.3218**, and the grayscale version is **82.3884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.1096, 0.3379, 0.3381** is the 20% darker color. If you saturate the color by 10%, you get **69.9660, 0.3548, 0.3425**, and if you desaturate by 10%, it is **93.8551, 0.3158, 0.3301**.

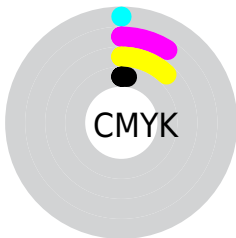
Distribution



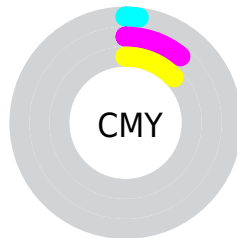
- Red (98%)
- Green (89%)
- Blue (87%)



- Red (98%)
- Yellow (90%)
- Blue (87%)



- Cyan (0%)
- Magenta (9%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.2165, 0.3335, 0.3361 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 81.2165, 0.3335, 0.3361 by changing the saturation by 10% instead.

 81.2165, 0.3335,
0.3361

 81.2165, 0.3335,
0.3361

499.0231, 0.3240,
0.3330

 60.7199, 0.3356,
0.3368

135.0747, 0.3302,
0.3350

 43.9992, 0.3383,
0.3376


169.2052, 0.3290,
0.3346

 30.6699, 0.3416,
0.3386


208.6490, 0.3279,
0.3343

 20.3476, 0.3458,
0.3399

253.7906, 0.3269,
0.3339

 12.6480, 0.3516,
0.3416

305.0145, 0.3260,
0.3336

 7.1866, 0.3598,
0.3440

362.7049, 0.3253,

 3.5791, 0.3723,

0.3334

0.3473

427.2463, 0.3246,
0.3332

■ 1.4410, 0.3937,
0.3523

■ 0.2466, 0.6180,
0.3820

■ 81.2165, 0.3335,
0.3361

■ 81.2165, 0.3335,
0.3361

■ 69.9660, 0.3548,
0.3425

■ 93.8551, 0.3158,
0.3301

■ 60.0454, 0.3803,
0.3490

■ 99.2560, 0.3103,
0.3290

■ 51.4081, 0.4105,
0.3554

■ 44.0010, 0.4454,
0.3610

■ 37.7667, 0.4842,
0.3651

■ 32.6434, 0.5248,
0.3664

■ 28.5632, 0.5634,
0.3640

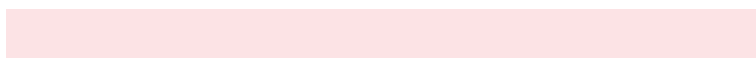
■ 25.4500, 0.5953,
0.3576

■ 23.5833, 0.6142,
0.3505

Harmonies

Analogous

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



81.2165, 0.3289, 0.3268



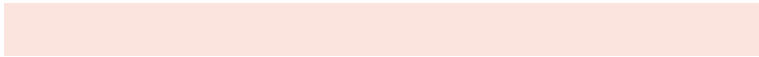
81.2165, 0.3335, 0.3361



81.2165, 0.3324, 0.3437

Triad

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



81.2165, 0.3335, 0.3361



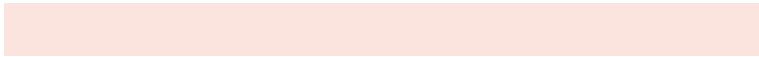
81.2165, 0.3054, 0.3402



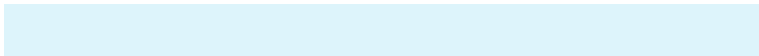
81.2165, 0.2994, 0.3109

Complementary

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



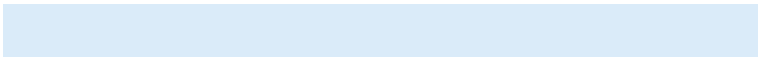
81.2165, 0.3335, 0.3361



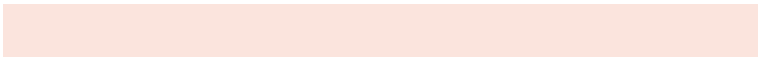
87.0718, 0.2942, 0.3218

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.



81.2165, 0.2933, 0.3141



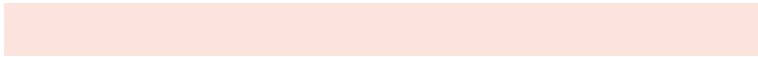
81.2165, 0.3335, 0.3361



81.2165, 0.2968, 0.3309

Square

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



81.2165, 0.3335, 0.3361



81.2165, 0.3161, 0.3463



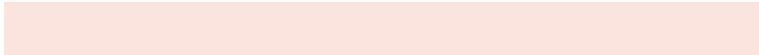
81.2165, 0.2924, 0.3214



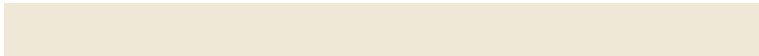
81.2165, 0.3091, 0.3125

Rectangle

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



81.2165, 0.3335, 0.3361



81.2165, 0.3286, 0.3468



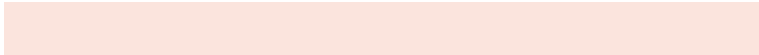
81.2165, 0.2924, 0.3214



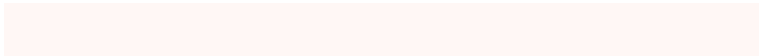
81.2165, 0.2969, 0.3114

Sweetspot

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



81.2201, 0.3335, 0.3361



94.4679, 0.3192, 0.3313



78.7964, 0.3184, 0.3057



20.0030, 0.3204, 0.3317



0.0000, 0.0000, 0.0000



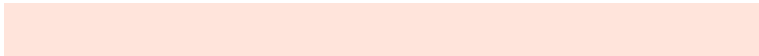
21.4041, 0.3127, 0.3290

Same Dimension

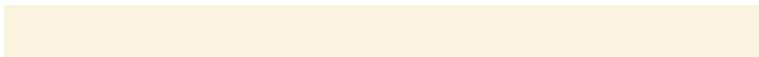
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.2201, 0.3335, 0.3361



81.6606, 0.3375, 0.3374



89.5558, 0.3317, 0.3505



17.8804, 0.3288, 0.3346



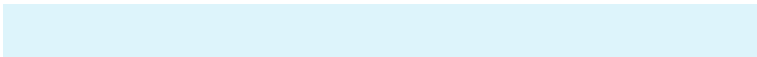
12.5747, 0.6116, 0.3526



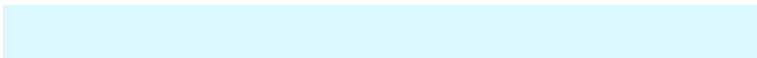
1.3190, 0.5890, 0.3705

Inverse Universe

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



87.0718, 0.2942, 0.3218



88.6611, 0.2910, 0.3205



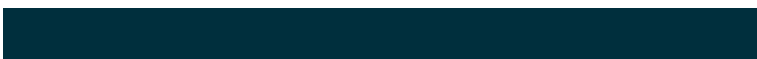
78.6647, 0.2939, 0.3066



18.8837, 0.2980, 0.3234



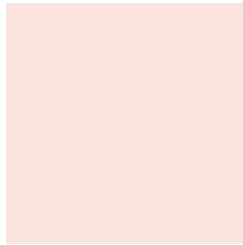
23.8497, 0.2033, 0.2520



2.3690, 0.2062, 0.2622

Previews

White Background



This preview shows how the Yxy color 81.2165, 0.3335, 0.3361 looks on a white background.

Color Contrast Check

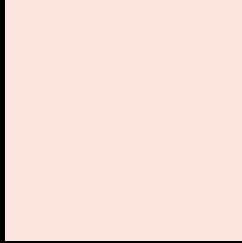
Large Text (above 18pt) WCAG AA × Fail

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 81.2165, 0.3335, 0.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

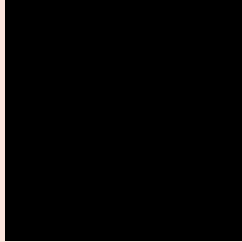
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

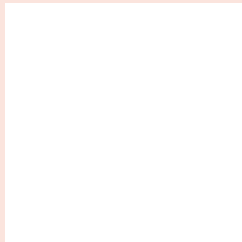
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.2165, 0.3335, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 81.2165, 0.3335, 0.3361.

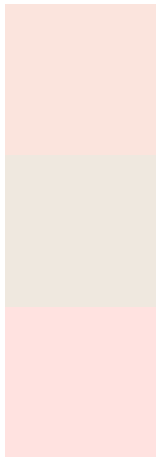


This preview shows how white text looks on a background with the Yxy color 81.2165, 0.3335, 0.3361.

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

81.2165, 0.3335, 0.3361

Protanopia

81.3917, 0.3233, 0.3383

Deuteranopia

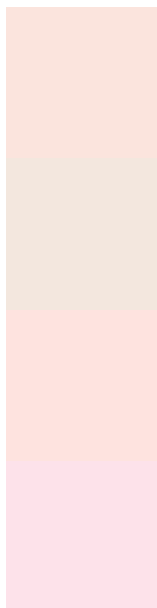
81.0345, 0.3346, 0.3311



Tritanopia

81.3321, 0.3219, 0.3123

Trichromacy



Original Color

81.2165, 0.3335, 0.3361

Protanomaly

81.4804, 0.3268, 0.3382

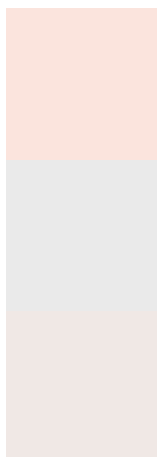
Deuteranomaly

81.3367, 0.3344, 0.3331

Tritanomaly

81.2159, 0.3264, 0.3211

Monochromacy



Original Color

81.2165, 0.3335, 0.3361

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.8956, 0.3201, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.2165, 0.3335, 0.3361 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, 228, 221)` looks like.

```
.text, #text, p{  
    color:rgb(251, 228, 221)  
}
```

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, 228, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 228, 221) }
```

Border

The CSS property to change the border of an element to Yxy 81.2165, 0.3335, 0.3361 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, 228, 221) }
```

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

```
.border{ border-color:rgb(251, 228, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 228, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 228, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 228, 221);  
box-shadow:4px 4px 4px 4px rgb(251, 228,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 81.2165, 0.3335, 0.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 228, 221) }
```

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

```
.background{ background-color: rgb(251,  
228, 221) }
```

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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