

Converting Colors

$Y_{xy}(100.0000, 0.3928, 0.3357)$

Have a look what the booklet for
Yxy(100.0000, 0.3928, 0.3357)
contains.

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Color

Yxy(81.9141, 0.3370, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	FFE4DC
RGB	255, 228, 220
RGB Percent	100%, 89%, 86%
CMY	0.0001, 0.1058, 0.1373
CMYK	0.00, 0.11, 0.14, 0.00
HSL	14°, 100%, 93%
HSV	14°, 14%, 100%
XYZ	81.8898, 81.9141, 79.1925
YIQ	235.1610, 18.6600, 3.2360

Conversions

Conversions Part 2

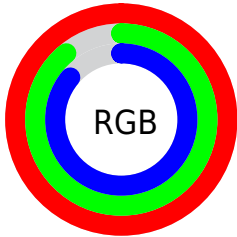
Format	Color
R _Y B	255, 230, 220
Decimal	16770268
CIE Lab	92.54, 7.94, 7.27
CIE LCh	93, 10.768, 42.475
Yxy	81.9141, 0.3370, 0.3371
Android (android.graphics.Color)	4294960348 (0xFFFFE4DC)
YUV	235.1610, -7.4744, 17.3988
Hunter-Lab	90.5064, 3.1198, 11.4761

Details

The Yxy color **81.9141, 0.3370, 0.3371** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.9081, 0.2915, 0.3208**, and the grayscale version is **83.2529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.6095, 0.3425, 0.3393** is the 20% darker color. If you saturate the color by 10%, you get **70.4684, 0.3590, 0.3434**, and if you desaturate by 10%, it is **94.8006, 0.3187, 0.3311**.

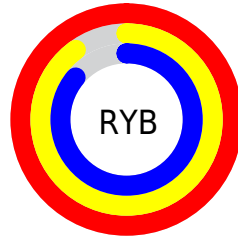
Distribution



Red (100%)

Green (89%)

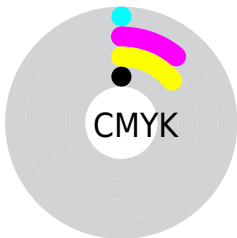
Blue (86%)



Red (100%)

Yellow (90%)

Blue (86%)

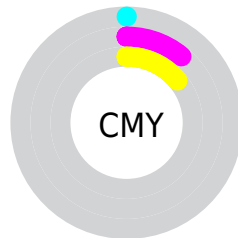


Cyan (0%)

Magenta (11%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.9141, 0.3370, 0.3371 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 81.9141, 0.3370, 0.3371 by changing the saturation by 10% instead.


 81.9141, 0.3370,
0.3371

 81.9141, 0.3370,
0.3371

501.3603, 0.3259,
0.3335

 61.2947, 0.3395,
0.3379


136.0535, 0.3332,
0.3359

 44.4631, 0.3425,
0.3388


170.3424, 0.3317,
0.3354

 31.0347, 0.3464,
0.3399


209.9565, 0.3304,
0.3350

 20.6253, 0.3514,
0.3414

255.2803, 0.3293,
0.3346

 12.8504, 0.3581,
0.3433

306.6982, 0.3283,
0.3343

 7.3256, 0.3675,
0.3458

364.5946, 0.3274,

 3.6665, 0.3820,

0.3340

0.3493

429.3538, 0.3266,
0.3338

■ 1.4888, 0.4065,
0.3545

■ 0.2809, 0.6213,
0.3787

■ 81.9141, 0.3370,
0.3371

■ 81.9141, 0.3370,
0.3371

■ 70.4684, 0.3590,
0.3434

■ 94.8006, 0.3187,
0.3311

■ 60.4023, 0.3854,
0.3499

99.9933, 0.3127,
0.3290

■ 51.6663, 0.4166,
0.3562

■ 44.2038, 0.4524,
0.3615

■ 37.9541, 0.4919,
0.3651

■ 32.8511, 0.5326,
0.3658

■ 28.8224, 0.5704,
0.3626

■ 25.7859, 0.6007,
0.3555

■ 24.3380, 0.6149,
0.3499

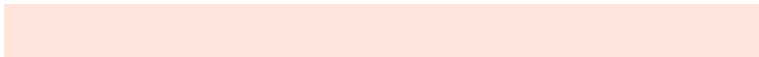
Harmonies

Analogous

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



81.9141, 0.3315, 0.3263



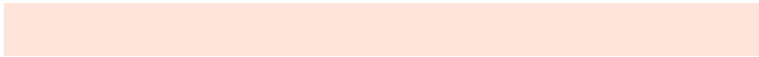
81.9141, 0.3370, 0.3371



81.9141, 0.3358, 0.3461

Triad

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



81.9141, 0.3370, 0.3371



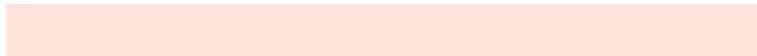
81.9141, 0.3043, 0.3422



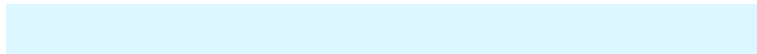
81.9141, 0.2971, 0.3079

Complementary

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



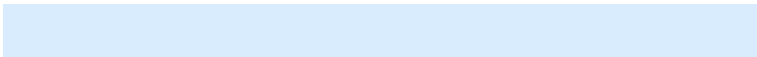
81.9141, 0.3370, 0.3371



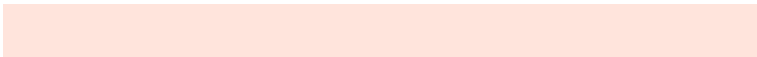
88.9081, 0.2915, 0.3208

Split Complementary

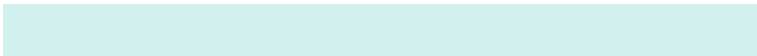
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.9141, 0.2901, 0.3116



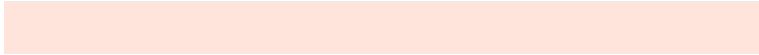
81.9141, 0.3370, 0.3371



81.9141, 0.2942, 0.3314

Square

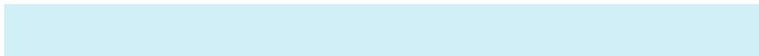
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.9141, 0.3370, 0.3371



81.9141, 0.3168, 0.3493



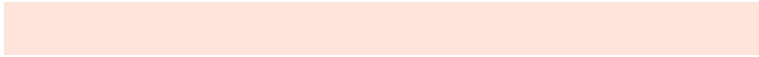
81.9141, 0.2890, 0.3201



81.9141, 0.3083, 0.3097

Rectangle

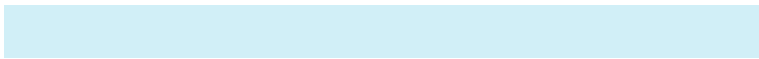
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.9141, 0.3370, 0.3371



81.9141, 0.3314, 0.3497



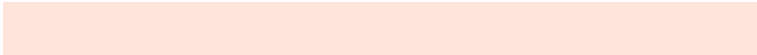
81.9141, 0.2890, 0.3201



81.9141, 0.2941, 0.3086

Sweetspot

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



81.9177, 0.3370, 0.3371



94.4497, 0.3192, 0.3313



79.1703, 0.3193, 0.3022



19.9984, 0.3204, 0.3317



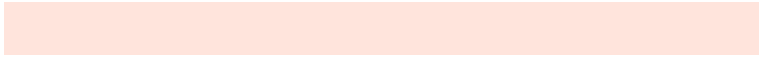
0.0000, 0.0000, 0.0000



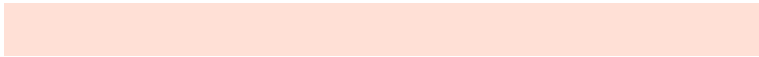
21.4041, 0.3127, 0.3290

Same Dimension

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



81.9177, 0.3370, 0.3371



79.2077, 0.3417, 0.3385



91.7567, 0.3347, 0.3537



18.6640, 0.3289, 0.3345



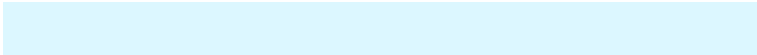
12.9057, 0.6123, 0.3520



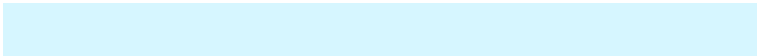
1.4134, 0.5910, 0.3689

Inverse Universe

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



88.9081, 0.2915, 0.3208



87.2306, 0.2880, 0.3193



78.9659, 0.2909, 0.3030



19.7321, 0.2980, 0.3234



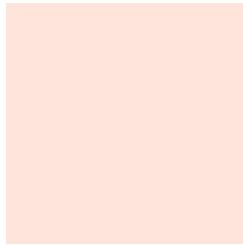
24.7367, 0.2036, 0.2529



2.5726, 0.2063, 0.2626

Previews

White Background



This preview shows how the Yxy color 81.9141, 0.3370, 0.3371 looks on a white background.

Color Contrast Check

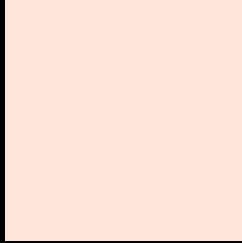
Large Text (above 18pt) WCAG AA × Fail

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 81.9141, 0.3370, 0.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

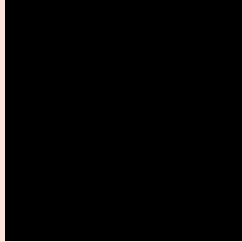
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

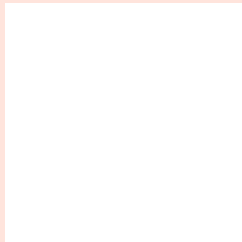
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.9141, 0.3370, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 81.9141, 0.3370, 0.3371.

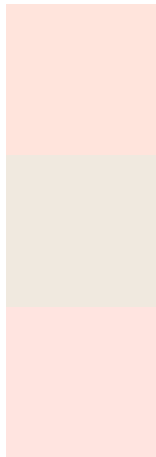


This preview shows how white text looks on a background with the Yxy color 81.9141, 0.3370, 0.3371.

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

81.9141, 0.3370, 0.3371

Protanopia

82.1308, 0.3239, 0.3393

Deuteranopia

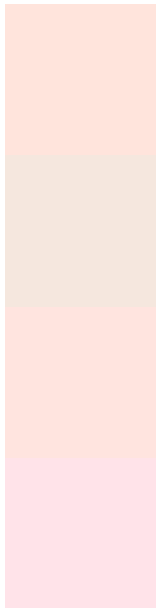
82.1286, 0.3343, 0.3331



Tritanopia

82.0036, 0.3231, 0.3143

Trichromacy



Original Color

81.9141, 0.3370, 0.3371

Protanomaly

81.8382, 0.3282, 0.3382

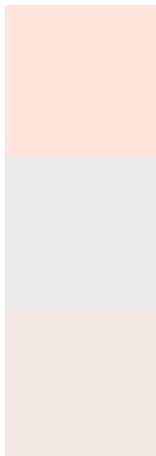
Deuteranomaly

82.0745, 0.3350, 0.3341

Tritanomaly

82.0814, 0.3284, 0.3231

Monochromacy



Original Color

81.9141, 0.3370, 0.3371

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.3036, 0.3208, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.9141, 0.3370, 0.3371 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(255, 228, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 220)  
}
```

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(255, 228, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 220) }
```

Border

The CSS property to change the border of an element to Yxy 81.9141, 0.3370, 0.3371 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(255, 228, 220) }
```

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

```
.border{ border-color:rgb(255, 228, 220) }
```

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

Here you see how a box with a 4 pixel rgb(255, 228, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 81.9141, 0.3370, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 220) }
```

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

```
.background{ background-color: rgb(255,  
228, 220) }
```

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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