

Converting Colors

$Y_{xy}(83.7847, 0.3508, 0.3425)$

Have a look what the booklet for
Yxy(83.7847, 0.3508, 0.3425)
contains.

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Color

Yxy(81.0532, 0.3413, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	FFE3D6
RGB	255, 227, 214
RGB Percent	100%, 89%, 84%
CMY	0.0000, 0.1099, 0.1607
CMYK	0.00, 0.11, 0.16, 0.00
HSL	19°, 100%, 92%
HSV	19°, 16%, 100%
XYZ	80.8637, 81.0532, 75.0115
YIQ	233.8900, 20.8610, 1.8930

Conversions

Conversions Part 2

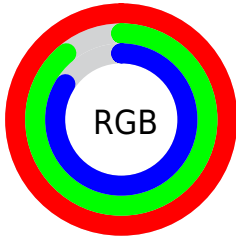
Format	Color
R _Y B	255, 233, 214
Decimal	16770006
CIE Lab	92.16, 7.59, 9.84
CIE LCh	92, 12.425, 52.340
Yxy	81.0532, 0.3413, 0.3421
Android (android.graphics.Color)	4294960086 (0xFFFFE3D6)
YUV	233.8900, -9.8058, 18.5135
Hunter-Lab	90.0296, 2.7752, 13.6210

Details

The Yxy color **81.0532, 0.3413, 0.3421** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.0420, 0.2877, 0.3155**, and the grayscale version is **82.2492, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.0140, 0.3481, 0.3458** is the 20% darker color. If you saturate the color by 10%, you get **70.7865, 0.3633, 0.3508**, and if you desaturate by 10%, it is **92.4748, 0.3226, 0.3338**.

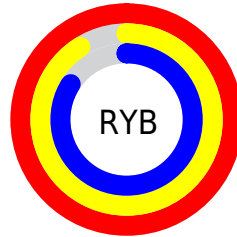
Distribution



Red (100%)

Green (89%)

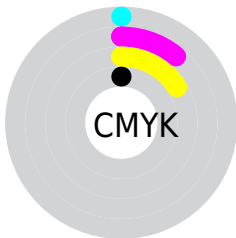
Blue (84%)



Red (100%)

Yellow (91%)

Blue (84%)

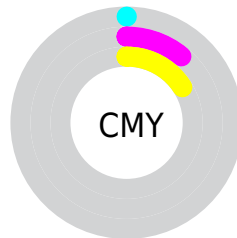


Cyan (0%)

Magenta (11%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.0532, 0.3413, 0.3421 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 81.0532, 0.3413, 0.3421 by changing the saturation by 10% instead.

 81.0532, 0.3413,
0.3421

 81.0532, 0.3413,
0.3421

498.4751, 0.3282,
0.3363

 60.5854, 0.3442,
0.3434


134.8455, 0.3368,
0.3401

 43.8907, 0.3479,
0.3449

168.9387, 0.3350,
0.3394

 30.5846, 0.3524,
0.3468


208.3426, 0.3335,
0.3387

 20.2827, 0.3583,
0.3492

253.4415, 0.3322,
0.3381

 12.6007, 0.3662,
0.3523

304.6198, 0.3310,
0.3376

 7.1542, 0.3775,
0.3566

362.2619, 0.3300,

 3.5587, 0.3946,

0.3371

0.3626

426.7522, 0.3291,
0.3367

■ 1.4299, 0.4248,
0.3726

■ 0.2386, 0.6333,
0.3667

■ 81.0532, 0.3413,
0.3421

■ 81.0532, 0.3413,
0.3421

■ 70.7865, 0.3633,
0.3508

■ 92.4748, 0.3226,
0.3338

■ 61.6582, 0.3892,
0.3597

100.0000, 0.3127,
0.3290

■ 53.6211, 0.4192,
0.3681

■ 46.6325, 0.4528,
0.3753

■ 40.6466, 0.4890,
0.3801

■ 35.6142, 0.5255,
0.3813

■ 31.4809, 0.5592,
0.3778

■ 28.1855, 0.5864,
0.3694

■ 27.0987, 0.5955,
0.3654

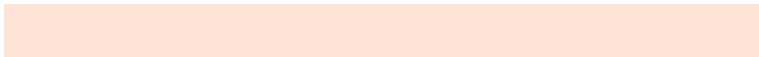
Harmonies

Analogous

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



81.0532, 0.3374, 0.3300



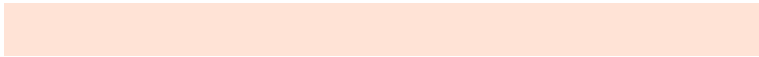
81.0532, 0.3413, 0.3421



81.0532, 0.3373, 0.3512

Triad

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



81.0532, 0.3413, 0.3421



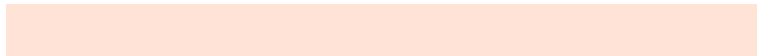
81.0532, 0.2986, 0.3405



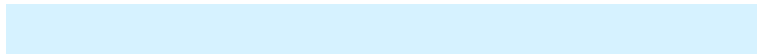
81.0532, 0.2985, 0.3047

Complementary

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



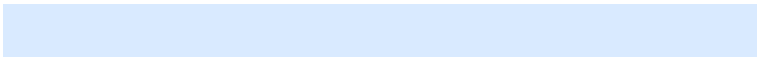
81.0532, 0.3413, 0.3421



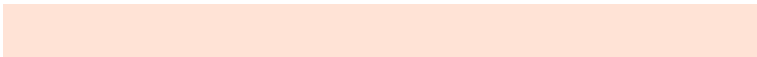
85.0420, 0.2877, 0.3155

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.



81.0532, 0.2885, 0.3068



81.0532, 0.3413, 0.3421



81.0532, 0.2886, 0.3273

Square

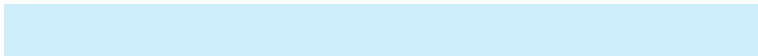
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.0532, 0.3413, 0.3421



81.0532, 0.3125, 0.3505



81.0532, 0.2850, 0.3149



81.0532, 0.3124, 0.3087

Rectangle

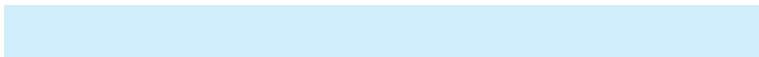
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.0532, 0.3413, 0.3421



81.0532, 0.3308, 0.3541



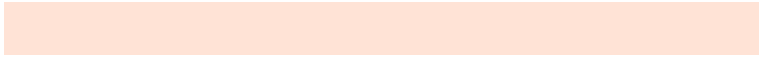
81.0532, 0.2850, 0.3149



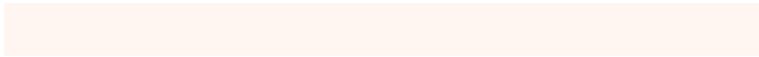
81.0532, 0.2945, 0.3047

Sweetspot

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



81.0460, 0.3413, 0.3421



93.7705, 0.3208, 0.3329



75.8151, 0.3229, 0.3007



19.8886, 0.3220, 0.3335



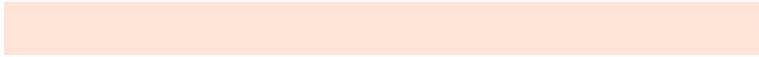
0.0000, 0.0000, 0.0000



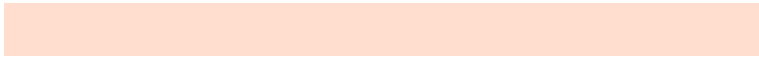
21.4041, 0.3127, 0.3290

Same Dimension

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



81.0460, 0.3413, 0.3421



77.9223, 0.3473, 0.3446



92.5173, 0.3382, 0.3614



18.9250, 0.3286, 0.3366



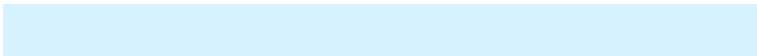
14.3949, 0.5925, 0.3678



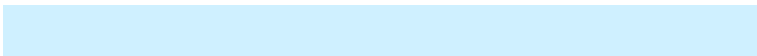
1.5880, 0.5704, 0.3853

Inverse Universe

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



85.0420, 0.2877, 0.3155



82.5462, 0.2832, 0.3128



73.8749, 0.2868, 0.2944



19.4550, 0.2980, 0.3213



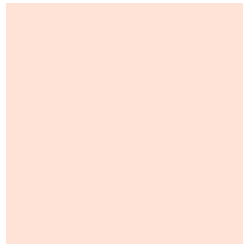
19.9337, 0.1950, 0.2220



2.1374, 0.1988, 0.2356

Previews

White Background



This preview shows how the Yxy color 81.0532, 0.3413, 0.3421 looks on a white background.

Color Contrast Check

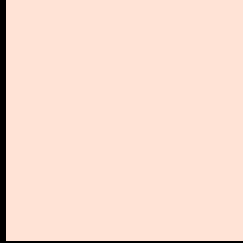
Large Text (above 18pt) WCAG AA × Fail

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 81.0532, 0.3413, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

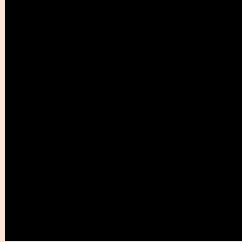
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.0532, 0.3413, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 81.0532, 0.3413, 0.3421.

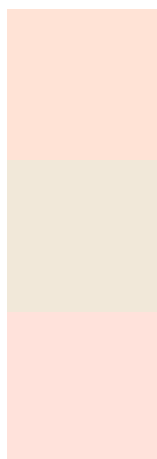


This preview shows how white text looks on a background with the Yxy color 81.0532, 0.3413, 0.3421.

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

81.0532, 0.3413, 0.3421

Protanopia

81.4238, 0.3286, 0.3445

Deuteranopia

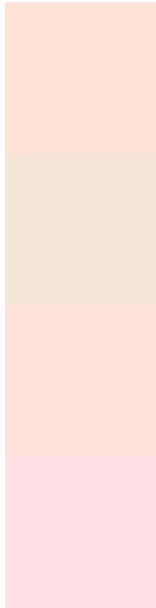
80.7672, 0.3380, 0.3361



Tritanopia

80.8033, 0.3246, 0.3142

Trichromacy



Original Color

81.0532, 0.3413, 0.3421

Protanomaly

81.1443, 0.3330, 0.3434

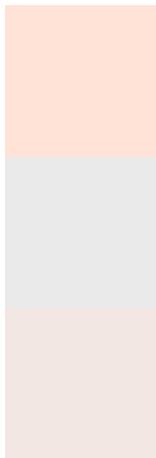
Deuteranomaly

80.6625, 0.3394, 0.3381

Tritanomaly

80.8236, 0.3306, 0.3241

Monochromacy



Original Color

81.0532, 0.3413, 0.3421

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.5751, 0.3228, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0532, 0.3413, 0.3421 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, 227, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 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(255, 227, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 214) }
```

Border

The CSS property to change the border of an element to Yxy 81.0532, 0.3413, 0.3421 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, 227, 214) }
```

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

```
.border{ border-color:rgb(255, 227, 214) }
```

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

Here you see how a box with a 4 pixel rgb(255, 227, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0532, 0.3413, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 214) }
```

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

```
.background{ background-color: rgb(255,  
227, 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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