

Converting Colors

$Y_{xy}(100.0000, 0.3982, 0.3392)$

Have a look what the booklet for
Yxy(100.0000, 0.3982, 0.3392)
contains.

Yxy(81.1045, 0.3406, 0.3411)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(81.1045, 0.3406, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	FFE3D7
RGB	255, 227, 215
RGB Percent	100%, 89%, 84%
CMY	0.0000, 0.1098, 0.1568
CMYK	0.00, 0.11, 0.16, 0.00
HSL	18°, 100%, 92%
HSV	18°, 16%, 100%
XYZ	80.9856, 81.1045, 75.6833
YIQ	234.0040, 20.5400, 2.2040

Conversions

Conversions Part 2

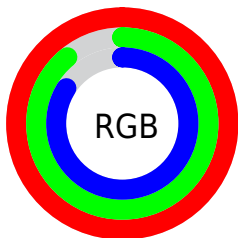
Format	Color
R _Y B	255, 232, 215
Decimal	16770007
CIE Lab	92.18, 7.73, 9.35
CIE LCh	92, 12.132, 50.414
Yxy	81.1045, 0.3406, 0.3411
Android (android.graphics.Color)	4294960087 (0xFFFFE3D7)
YUV	234.0040, -9.3690, 18.4135
Hunter-Lab	90.0580, 2.9164, 13.2143

Details

The Yxy color **81.1045, 0.3406, 0.3411** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.7815, 0.2884, 0.3166**, and the grayscale version is **82.3400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.0489, 0.3472, 0.3445** is the 20% darker color. If you saturate the color by 10%, you get **70.6227, 0.3627, 0.3494**, and if you desaturate by 10%, it is **92.7975, 0.3219, 0.3332**.

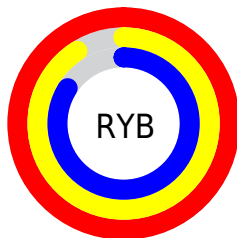
Distribution



Red (100%)

Green (89%)

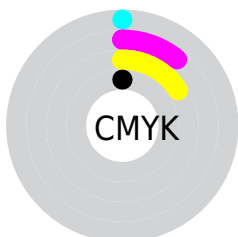
Blue (84%)



Red (100%)

Yellow (91%)

Blue (84%)

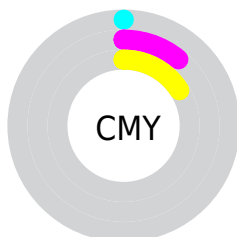


Cyan (0%)

Magenta (11%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.1045, 0.3406, 0.3411 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 81.1045, 0.3406, 0.3411 by changing the saturation by 10% instead.


 81.1045, 0.3406,
0.3411

 81.1045, 0.3406,
0.3411


498.6473, 0.3279,
0.3358

 60.6277, 0.3435,
0.3423


134.9175, 0.3362,
0.3393

 43.9248, 0.3470,
0.3437


169.0224, 0.3345,
0.3386

 30.6114, 0.3514,
0.3454


208.4389, 0.3330,
0.3380

 20.3031, 0.3572,
0.3476

253.5512, 0.3317,
0.3374

 12.6156, 0.3649,
0.3505

304.7438, 0.3306,
0.3369

 7.1644, 0.3759,
0.3544

362.4011, 0.3296,

 3.5651, 0.3926,

0.3365

0.3599

426.9075, 0.3287,
0.3361

■ 1.4334, 0.4218,
0.3688

■ 0.2411, 0.6341,
0.3659

■ 81.1045, 0.3406,
0.3411

■ 81.1045, 0.3406,
0.3411

■ 70.6227, 0.3627,
0.3494

■ 92.7975, 0.3219,
0.3332

■ 61.3217, 0.3887,
0.3578

100.0000, 0.3127,
0.3290

■ 53.1558, 0.4189,
0.3657

■ 46.0799, 0.4531,
0.3726

■ 40.0457, 0.4900,
0.3771

■ 35.0009, 0.5274,
0.3782

■ 30.8881, 0.5618,
0.3747

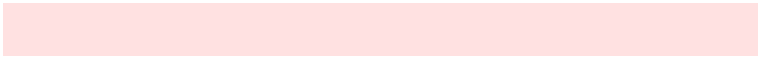
■ 27.6426, 0.5897,
0.3665

■ 26.4844, 0.5996,
0.3621

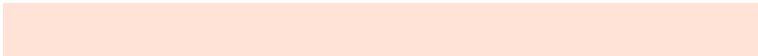
Harmonies

Analogous

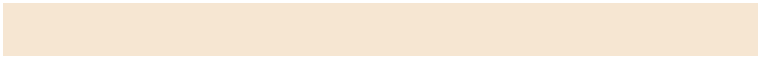
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1045, 0.3363, 0.3292



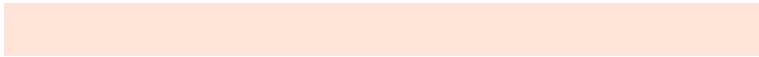
81.1045, 0.3406, 0.3411



81.1045, 0.3372, 0.3502

Triad

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



81.1045, 0.3406, 0.3411



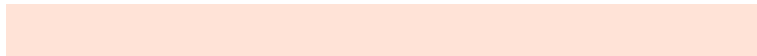
81.1045, 0.2998, 0.3409



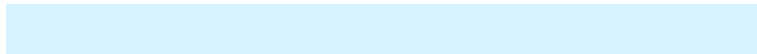
81.1045, 0.2980, 0.3052

Complementary

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



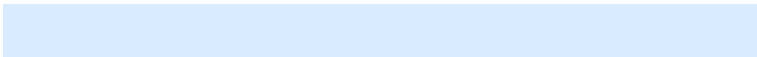
81.1045, 0.3406, 0.3411



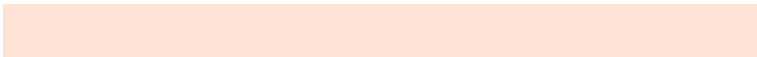
85.7815, 0.2884, 0.3166

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.



81.1045, 0.2886, 0.3077



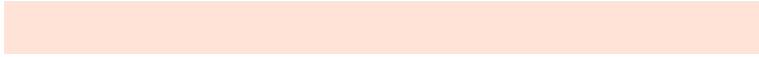
81.1045, 0.3406, 0.3411



81.1045, 0.2896, 0.3282

Square

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



81.1045, 0.3406, 0.3411



81.1045, 0.3135, 0.3505



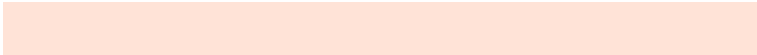
81.1045, 0.2856, 0.3160



81.1045, 0.3115, 0.3088

Rectangle

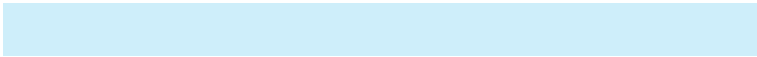
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.1045, 0.3406, 0.3411



81.1045, 0.3311, 0.3533



81.1045, 0.2856, 0.3160



81.1045, 0.2943, 0.3053

Sweetspot

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



81.1012, 0.3406, 0.3411



93.6400, 0.3208, 0.3327



76.3786, 0.3222, 0.3008



19.8569, 0.3220, 0.3333



0.0000, 0.0000, 0.0000



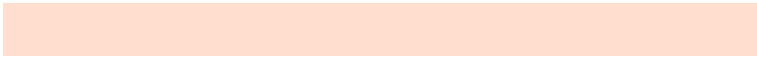
21.4041, 0.3127, 0.3290

Same Dimension

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



81.1012, 0.3406, 0.3411



77.4909, 0.3475, 0.3438



92.2830, 0.3376, 0.3599



18.8741, 0.3287, 0.3362



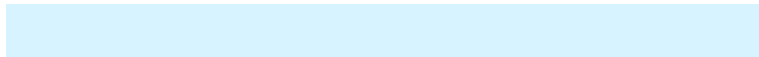
14.0649, 0.5967, 0.3644



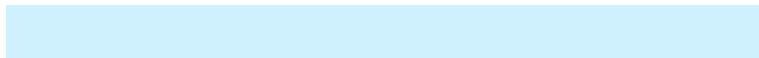
1.5508, 0.5746, 0.3820

Inverse Universe

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



85.7815, 0.2884, 0.3166



83.0260, 0.2832, 0.3137



74.8062, 0.2875, 0.2961



19.5085, 0.2980, 0.3217



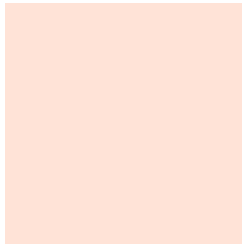
20.8087, 0.1967, 0.2280



2.2175, 0.2003, 0.2409

Previews

White Background



This preview shows how the Yxy color 81.1045, 0.3406, 0.3411 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 81.1045, 0.3406, 0.3411 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

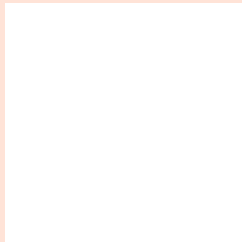
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.1045, 0.3406, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 81.1045, 0.3406, 0.3411.

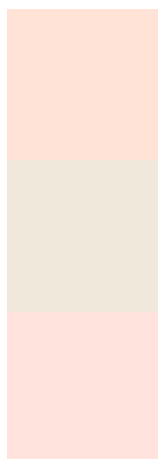


This preview shows how white text looks on a background with the Yxy color 81.1045, 0.3406, 0.3411.

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

81.1045, 0.3406, 0.3411

Protanopia

81.3004, 0.3272, 0.3435

Deuteranopia

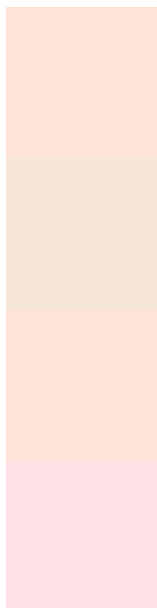
81.3655, 0.3372, 0.3361



Tritanopia

80.8626, 0.3240, 0.3133

Trichromacy



Original Color

81.1045, 0.3406, 0.3411

Protanomaly

81.0159, 0.3316, 0.3424

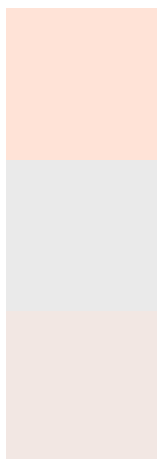
Deuteranomaly

81.2601, 0.3385, 0.3381

Tritanomaly

80.8799, 0.3299, 0.3231

Monochromacy



Original Color

81.1045, 0.3406, 0.3411

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 81.1045, 0.3406, 0.3411 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 215) }
```

Border

The CSS property to change the border of an element to Yxy 81.1045, 0.3406, 0.3411 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, 215) }
```

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

```
.border{ border-color:rgb(255, 227, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 81.1045, 0.3406, 0.3411 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, 215) }
```

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

```
.background{ background-color: rgb(255,  
227, 215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor