

Converting Colors

$Yxy(81.6217, 0.3391, 0.3398)$

Have a look what the booklet for
Yxy(81.6217, 0.3391, 0.3398)
contains.

Yxy(81.7566, 0.3391, 0.3401)	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(81.7566, 0.3391, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	FFE4D9
RGB	255, 228, 217
RGB Percent	100%, 89%, 85%
CMY	0.0000, 0.1059, 0.1491
CMYK	0.00, 0.11, 0.15, 0.00
HSL	17°, 100%, 93%
HSV	17°, 15%, 100%
XYZ	81.5162, 81.7566, 77.1171
YIQ	234.8190, 19.6230, 2.3030

Conversions

Conversions Part 2

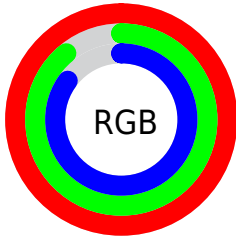
Format	Color
R _Y B	255, 232, 217
Decimal	16770265
CIE Lab	92.47, 7.52, 8.74
CIE LCh	92, 11.526, 49.288
Yxy	81.7566, 0.3391, 0.3401
Android (android.graphics.Color)	4294960345 (0xFFFFE4D9)
YUV	234.8190, -8.7848, 17.6987
Hunter-Lab	90.4194, 2.6901, 12.7262

Details

The Yxy color **81.7566, 0.3391, 0.3401** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.6632, 0.2896, 0.3176**, and the grayscale version is **82.9851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.5015, 0.3451, 0.3432** is the 20% darker color. If you saturate the color by 10%, you get **71.0775, 0.3610, 0.3481**, and if you desaturate by 10%, it is **93.6775, 0.3206, 0.3325**.

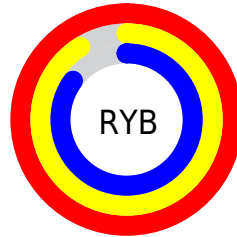
Distribution



Red (100%)

Green (89%)

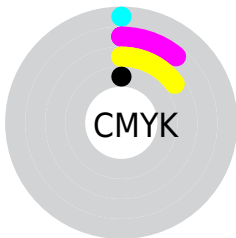
Blue (85%)



Red (100%)

Yellow (91%)

Blue (85%)

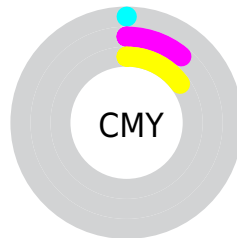


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (11%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.7566, 0.3391, 0.3401 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 81.7566, 0.3391, 0.3401 by changing the saturation by 10% instead.


 81.7566, 0.3391,
0.3401

 81.7566, 0.3391,
0.3401


500.8332, 0.3271,
0.3352

 61.1649, 0.3418,
0.3412


135.8326, 0.3350,
0.3384

 44.3583, 0.3451,
0.3425


170.0858, 0.3333,
0.3378

 30.9523, 0.3493,
0.3441


209.6615, 0.3319,
0.3372

 20.5625, 0.3547,
0.3461

254.9442, 0.3307,
0.3367

 12.8046, 0.3620,
0.3487

306.3184, 0.3296,
0.3363

 7.2941, 0.3723,
0.3523

364.1683, 0.3287,

 3.6467, 0.3880,

0.3359

0.3573

428.8785, 0.3278,
0.3355

■ 1.4780, 0.4147,
0.3650

■ 0.2731, 0.6187,
0.3813

■ 81.7566, 0.3391,
0.3401

■ 81.7566, 0.3391,
0.3401

■ 71.0775, 0.3610,
0.3481

■ 93.6775, 0.3206,
0.3325

■ 61.6098, 0.3869,
0.3562

100.0000, 0.3127,
0.3290

■ 53.3063, 0.4171,
0.3640

■ 46.1203, 0.4512,
0.3707

■ 40.0023, 0.4884,
0.3752

■ 34.8982, 0.5264,
0.3764

■ 30.7492, 0.5616,
0.3732

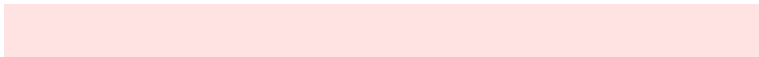
■ 27.4886, 0.5902,
0.3653

■ 26.1393, 0.6020,
0.3602

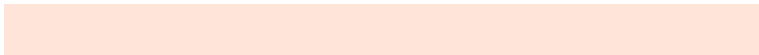
Harmonies

Analogous

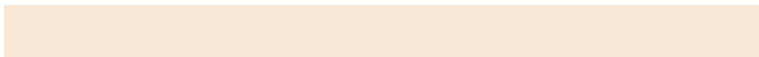
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.7566, 0.3348, 0.3287



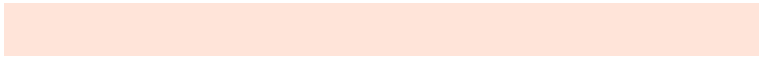
81.7566, 0.3391, 0.3401



81.7566, 0.3362, 0.3489

Triad

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



81.7566, 0.3391, 0.3401



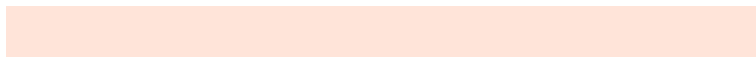
81.7566, 0.3009, 0.3407



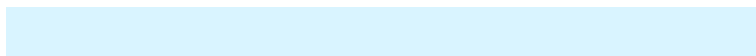
81.7566, 0.2984, 0.3064

Complementary

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



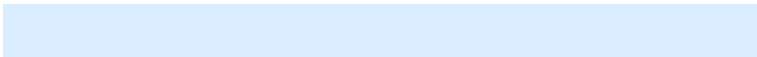
81.7566, 0.3391, 0.3401



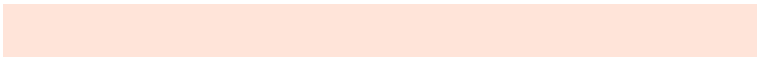
86.6632, 0.2896, 0.3176

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.



81.7566, 0.2897, 0.3090



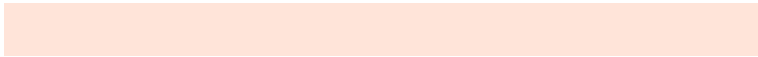
81.7566, 0.3391, 0.3401



81.7566, 0.2911, 0.3287

Square

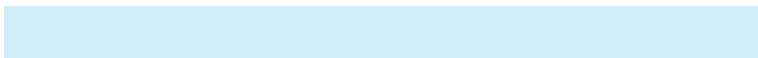
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.7566, 0.3391, 0.3401



81.7566, 0.3139, 0.3495



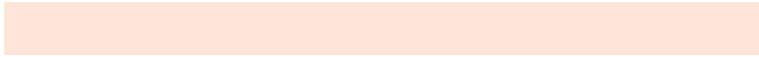
81.7566, 0.2870, 0.3171



81.7566, 0.3110, 0.3096

Rectangle

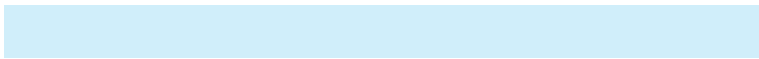
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.7566, 0.3391, 0.3401



81.7566, 0.3306, 0.3520



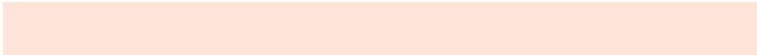
81.7566, 0.2870, 0.3171



81.7566, 0.2949, 0.3066

Sweetspot

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



81.7529, 0.3391, 0.3401



94.8243, 0.3191, 0.3319



77.4224, 0.3217, 0.3022



20.0929, 0.3204, 0.3324



0.0000, 0.0000, 0.0000



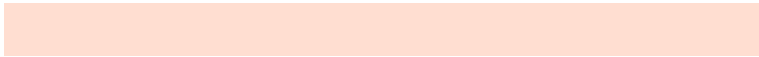
21.4041, 0.3127, 0.3290

Same Dimension

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



81.7529, 0.3391, 0.3401



78.3213, 0.3455, 0.3425



92.6455, 0.3363, 0.3584



18.8441, 0.3287, 0.3360



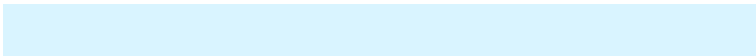
13.8791, 0.5991, 0.3625



1.5295, 0.5770, 0.3801

Inverse Universe

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



86.6632, 0.2896, 0.3176



84.1185, 0.2848, 0.3151



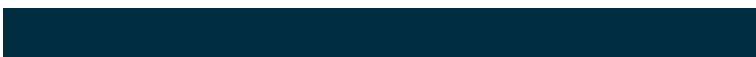
75.9385, 0.2888, 0.2978



19.5402, 0.2980, 0.3220



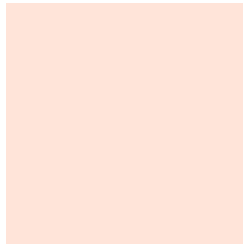
21.3394, 0.1977, 0.2316



2.2659, 0.2011, 0.2440

Previews

White Background



This preview shows how the Yxy color 81.7566, 0.3391, 0.3401 looks on a white background.

Color Contrast Check

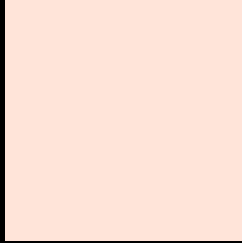
Large Text (above 18pt) WCAG AA × Fail

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 81.7566, 0.3391, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

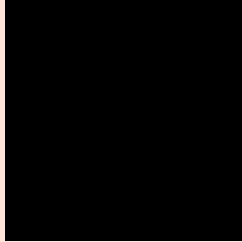
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.7566, 0.3391, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 81.7566, 0.3391, 0.3401.

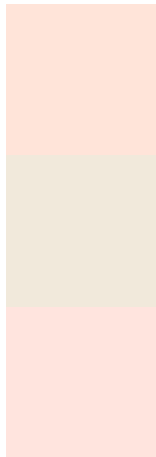


This preview shows how white text looks on a background with the Yxy color 81.7566, 0.3391, 0.3401.

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

81.7566, 0.3391, 0.3401

Protanopia

82.0931, 0.3272, 0.3434

Deuteranopia

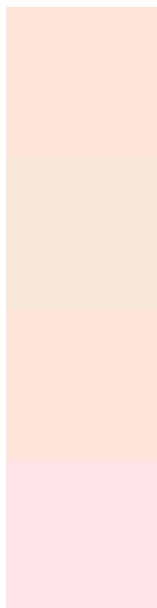
82.0207, 0.3357, 0.3351



Tritanopia

82.0036, 0.3231, 0.3143

Trichromacy



Original Color

81.7566, 0.3391, 0.3401

Protanomaly

81.8066, 0.3316, 0.3423

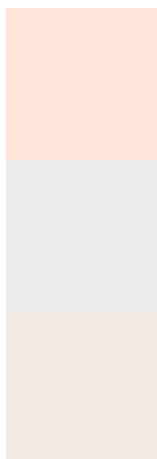
Deuteranomaly

81.9141, 0.3370, 0.3371

Tritanomaly

82.0244, 0.3290, 0.3241

Monochromacy



Original Color

81.7566, 0.3391, 0.3401

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.1919, 0.3221, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.7566, 0.3391, 0.3401 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 217) }
```

Border

The CSS property to change the border of an element to Yxy 81.7566, 0.3391, 0.3401 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, 217) }
```

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

```
.border{ border-color:rgb(255, 228, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 81.7566, 0.3391, 0.3401 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, 217) }
```

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

```
.background{ background-color: rgb(255,  
228, 217) }
```

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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