

Converting Colors

$Yxy(89.5377, 0.3788, 0.3329)$

Have a look what the booklet for
Yxy(89.5377, 0.3788, 0.3329)
contains.

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Color

Yxy(77.9827, 0.3401, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDD9
RGB	255, 221, 217
RGB Percent	100%, 87%, 85%
CMY	0.0000, 0.1333, 0.1490
CMYK	0.00, 0.13, 0.15, 0.00
HSL	6°, 100%, 93%
HSV	6°, 15%, 100%
XYZ	79.6215, 77.9827, 76.5078
YIQ	230.7100, 21.5480, 5.9640

Conversions

Conversions Part 2

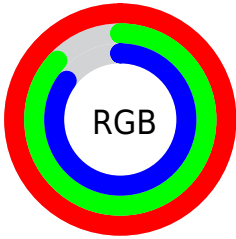
Format	Color
R _Y B	255, 221, 217
Decimal	16768473
CIE Lab	90.77, 11.12, 6.28
CIE LCh	91, 12.769, 29.482
Yxy	77.9827, 0.3401, 0.3331
Android (android.graphics.Color)	4294958553 (0xFFFFDDD9)
YUV	230.7100, -6.7590, 21.3023
Hunter-Lab	88.3078, 6.4033, 10.4480

Details

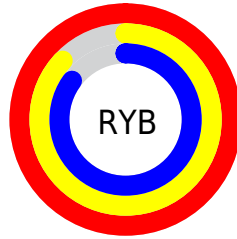
The Yxy color **77.9827, 0.3401, 0.3331** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.9708, 0.2899, 0.3249**, and the grayscale version is **79.7261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.8868, 0.3467, 0.3343** is the 20% darker color. If you saturate the color by 10%, you get **65.5179, 0.3639, 0.3361**, and if you desaturate by 10%, it is **92.2971, 0.3208, 0.3303**.

Distribution



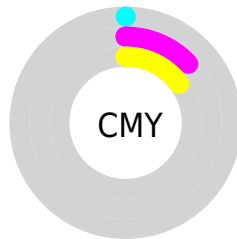
- Red (100%)
- Green (87%)
- Blue (85%)



- Red (100%)
- Yellow (87%)
- Blue (85%)



- Cyan (0%)
- Magenta (13%)
- Yellow (15%)
- Black (0%)




- Cyan (0%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.9827, 0.3401, 0.3331 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 77.9827, 0.3401, 0.3331 by changing the saturation by 10% instead.

 77.9827, 0.3401,
0.3331

 77.9827, 0.3401,
0.3331


488.1081, 0.3275,
0.3314

 58.0598, 0.3430,
0.3335

130.5257, 0.3357,
0.3325

 41.8567, 0.3465,
0.3339

163.9146, 0.3340,
0.3323

 28.9891, 0.3509,
0.3344


202.5610, 0.3326,
0.3321

 19.0726, 0.3568,
0.3350

246.8491, 0.3313,
0.3319

 11.7227, 0.3646,
0.3358

297.1635, 0.3302,
0.3318

 6.5552, 0.3759,
0.3367

353.8886, 0.3292,

 3.1855, 0.3934,

0.3316

0.3377

417.4086, 0.3283,
0.3315

1.2293, 0.4244,
0.3388

0.0855, 0.8049,
0.1951

77.9827, 0.3401,
0.3331

77.9827, 0.3401,
0.3331

65.5179, 0.3639,
0.3361

92.2971, 0.3208,
0.3303

54.8172, 0.3930,
0.3391

99.9999, 0.3127,
0.3290

45.8040, 0.4280,
0.3419

38.3919, 0.4687,
0.3442

■ 32.4871, 0.5135,
0.3453

■ 27.9856, 0.5585,
0.3447

■ 24.7702, 0.5976,
0.3420

■ 22.7047, 0.6246,
0.3375

■ 22.0353, 0.6334,
0.3353

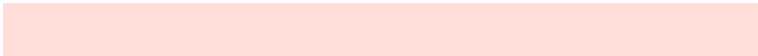
Harmonies

Analogous

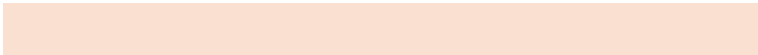
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.9827, 0.3304, 0.3202



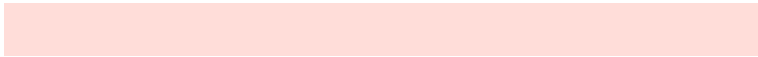
77.9827, 0.3401, 0.3331



77.9827, 0.3422, 0.3453

Triad

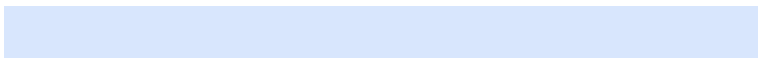
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.9827, 0.3401, 0.3331



77.9827, 0.3089, 0.3494



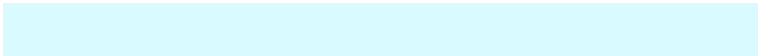
77.9827, 0.2895, 0.3048

Complementary

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



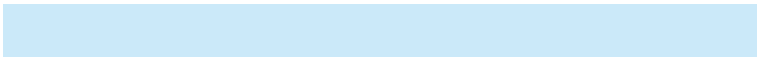
77.9827, 0.3401, 0.3331



90.9708, 0.2899, 0.3249

Split Complementary

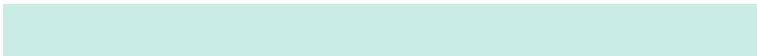
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.9827, 0.2840, 0.3118



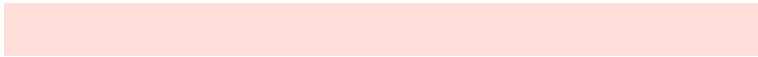
77.9827, 0.3401, 0.3331



77.9827, 0.2951, 0.3378

Square

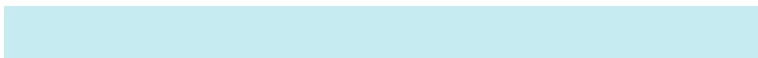
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.9827, 0.3401, 0.3331



77.9827, 0.3240, 0.3552



77.9827, 0.2861, 0.3239



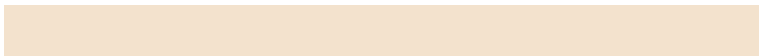
77.9827, 0.3011, 0.3041

Rectangle

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



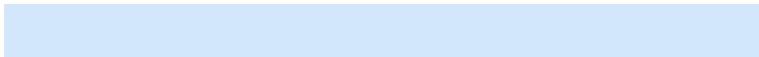
77.9827, 0.3401, 0.3331



77.9827, 0.3391, 0.3514



77.9827, 0.2861, 0.3239



77.9827, 0.2869, 0.3064

Sweetspot

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



77.9862, 0.3401, 0.3331



93.6744, 0.3193, 0.3301



77.8690, 0.3170, 0.2956



19.8029, 0.3205, 0.3303



0.0000, 0.0000, 0.0000



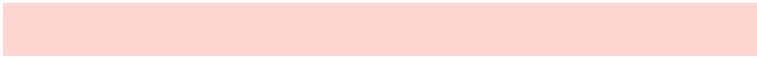
21.4041, 0.3127, 0.3290

Same Dimension

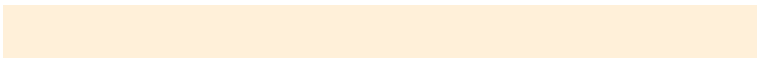
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.9862, 0.3401, 0.3331



73.9244, 0.3470, 0.3340



88.4752, 0.3373, 0.3516



18.2943, 0.3292, 0.3316



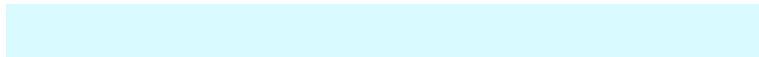
11.6130, 0.6318, 0.3365



1.2271, 0.6166, 0.3486

Inverse Universe

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



90.9708, 0.2899, 0.3249



89.2689, 0.2853, 0.3239



79.8029, 0.2891, 0.3053



20.1358, 0.2980, 0.3264



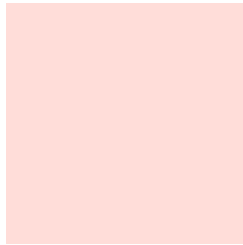
32.9510, 0.2154, 0.2955



3.2982, 0.2166, 0.2997

Previews

White Background



This preview shows how the Yxy color 77.9827, 0.3401, 0.3331 looks on a white background.

Color Contrast Check

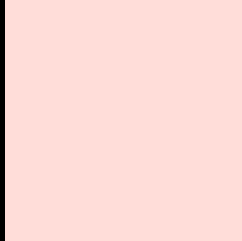
Large Text (above 18pt) WCAG AA × Fail

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 77.9827, 0.3401, 0.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

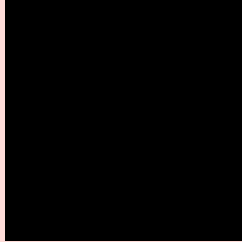
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

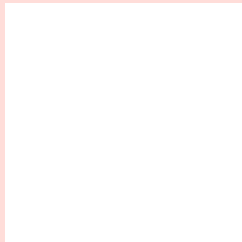
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.9827, 0.3401, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 77.9827, 0.3401, 0.3331.

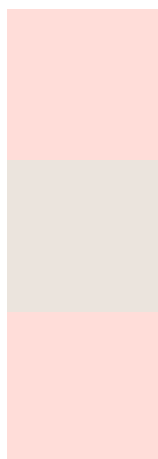


This preview shows how white text looks on a background with the Yxy color 77.9827, 0.3401, 0.3331.

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

77.9827, 0.3401, 0.3331

Protanopia

78.3694, 0.3221, 0.3363

Deuteranopia

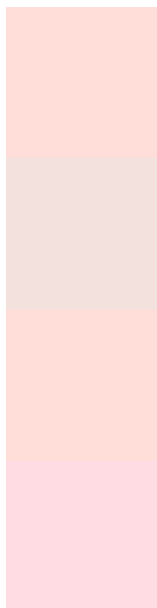
77.9827, 0.3401, 0.3331



Tritanopia

77.9212, 0.3278, 0.3132

Trichromacy



Original Color

77.9827, 0.3401, 0.3331

Protanomaly

77.8950, 0.3281, 0.3342

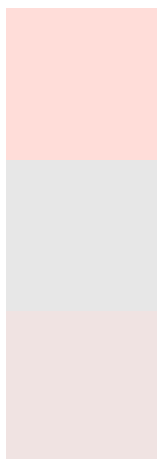
Deuteranomaly

77.9827, 0.3401, 0.3331

Tritanomaly

78.0478, 0.3325, 0.3211

Monochromacy



Original Color

77.9827, 0.3401, 0.3331

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

78.9544, 0.3224, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.9827, 0.3401, 0.3331 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, 221, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 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, 221, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 217) }
```

Border

The CSS property to change the border of an element to Yxy 77.9827, 0.3401, 0.3331 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, 221, 217) }
```

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

```
.border{ border-color:rgb(255, 221, 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, 221, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 77.9827, 0.3401, 0.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 217) }
```

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

```
.background{ background-color: rgb(255,  
221, 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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