

Converting Colors

$Yxy(96.5027, 0.3995, 0.3349)$

Have a look what the booklet for
Yxy(96.5027, 0.3995, 0.3349)
contains.

Yxy(77.8792, 0.3415, 0.3351)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(77.8792, 0.3415, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDD7
RGB	255, 221, 215
RGB Percent	100%, 87%, 84%
CMY	0.0000, 0.1333, 0.1567
CMYK	0.00, 0.13, 0.16, 0.00
HSL	9°, 100%, 92%
HSV	9°, 16%, 100%
XYZ	79.3666, 77.8792, 75.1601
YIQ	230.4820, 22.1900, 5.3420

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 222, 215
Decimal	16768471
CIE Lab	90.72, 10.82, 7.25
CIE LCh	91, 13.022, 33.846
Yxy	77.8792, 0.3415, 0.3351
Android (android.graphics.Color)	4294958551 (0xFFFFDDD7)
YUV	230.4820, -7.6326, 21.5023
Hunter-Lab	88.2492, 6.0973, 11.2783

Details

The Yxy color **77.8792, 0.3415, 0.3351** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.4427, 0.2886, 0.3228**, and the grayscale version is **79.5542, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.8163, 0.3486, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **65.9469, 0.3652, 0.3393**, and if you desaturate by 10%, it is **91.5007, 0.3221, 0.3311**.

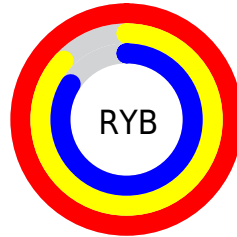
Distribution



Red (100%)

Green (87%)

Blue (84%)



Red (100%)

Yellow (87%)

Blue (84%)



Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.8792, 0.3415, 0.3351 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 77.8792, 0.3415, 0.3351 by changing the saturation by 10% instead.


 77.8792, 0.3415,
0.3351

 77.8792, 0.3415,
0.3351


487.7565, 0.3283,
0.3325

 57.9748, 0.3445,
0.3357


130.3798, 0.3369,
0.3342

 41.7883, 0.3482,
0.3363


163.7448, 0.3351,
0.3339

 28.9356, 0.3529,
0.3371


202.3654, 0.3336,
0.3336

 19.0321, 0.3590,
0.3381

246.6260, 0.3322,
0.3333

 11.6935, 0.3673,
0.3394

296.9110, 0.3311,
0.3331

 6.5353, 0.3792,
0.3410

353.6048, 0.3300,

 3.1732, 0.3976,

0.3328

0.3431

417.0918, 0.3291,
0.3326

1.2228, 0.4310,
0.3464

0.0802, 0.8092,
0.1908

77.8792, 0.3415,
0.3351

77.8792, 0.3415,
0.3351

65.9469, 0.3652,
0.3393

91.5007, 0.3221,
0.3311

55.6305, 0.3939,
0.3435

100.0000, 0.3127,
0.3290

46.8626, 0.4282,
0.3475

39.5681, 0.4678,
0.3507

■ 33.6653, 0.5111,
0.3523

■ 29.0649, 0.5545,
0.3516

■ 25.6665, 0.5927,
0.3481

■ 23.3548, 0.6200,
0.3420

■ 22.6515, 0.6283,
0.3394

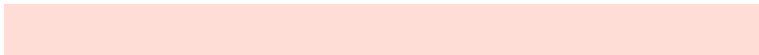
Harmonies

Analogous

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



77.8792, 0.3326, 0.3219



77.8792, 0.3415, 0.3351



77.8792, 0.3424, 0.3471

Triad

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



77.8792, 0.3415, 0.3351



77.8792, 0.3066, 0.3484



77.8792, 0.2904, 0.3038

Complementary

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



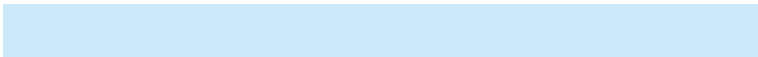
77.8792, 0.3415, 0.3351



89.4427, 0.2886, 0.3228

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.



77.8792, 0.2838, 0.3101



77.8792, 0.3415, 0.3351



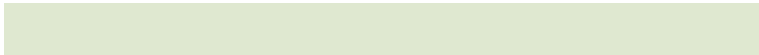
77.8792, 0.2930, 0.3360

Square

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



77.8792, 0.3415, 0.3351



77.8792, 0.3220, 0.3554



77.8792, 0.2848, 0.3218



77.8792, 0.3029, 0.3041

Rectangle

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



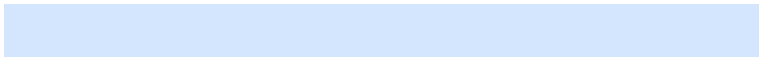
77.8792, 0.3415, 0.3351



77.8792, 0.3385, 0.3529



77.8792, 0.2848, 0.3218



77.8792, 0.2874, 0.3052

Sweetspot

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



77.8817, 0.3415, 0.3351



92.4800, 0.3209, 0.3309



76.7590, 0.3181, 0.2951



19.5759, 0.3222, 0.3311



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

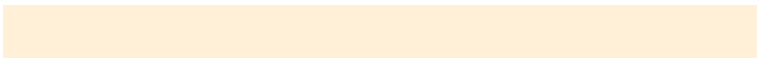
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.8817, 0.3415, 0.3351



73.7277, 0.3489, 0.3365



88.6917, 0.3385, 0.3542



18.4247, 0.3291, 0.3326



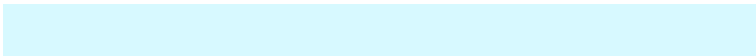
11.9662, 0.6262, 0.3410



1.2883, 0.6077, 0.3556

Inverse Universe

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



89.4427, 0.2886, 0.3228



87.4106, 0.2837, 0.3214



78.0918, 0.2878, 0.3025



19.9918, 0.2980, 0.3254



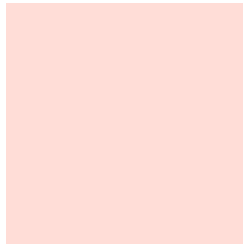
29.8564, 0.2113, 0.2808



3.0271, 0.2130, 0.2868

Previews

White Background



This preview shows how the Yxy color 77.8792, 0.3415, 0.3351 looks on a white background.

Color Contrast Check

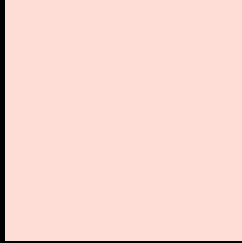
Large Text (above 18pt) WCAG AA × Fail

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 77.8792, 0.3415, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

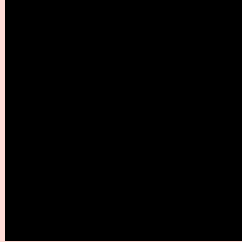
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

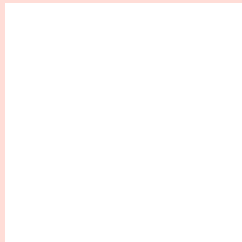
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.8792, 0.3415, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 77.8792, 0.3415, 0.3351.

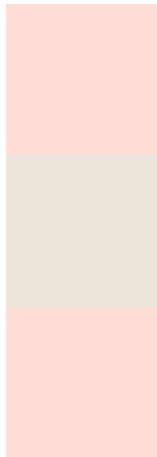


This preview shows how white text looks on a background with the Yxy color 77.8792, 0.3415, 0.3351.

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

77.8792, 0.3415, 0.3351

Protanopia

78.2634, 0.3234, 0.3385

Deuteranopia

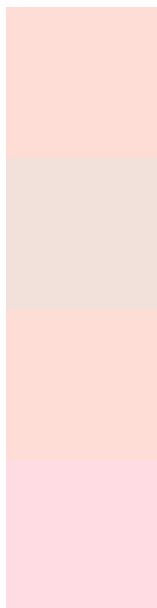
77.8792, 0.3415, 0.3351



Tritanopia

77.8635, 0.3285, 0.3141

Trichromacy



Original Color

77.8792, 0.3415, 0.3351

Protanomaly

77.7896, 0.3294, 0.3363

Deuteranomaly

77.8792, 0.3415, 0.3351

Tritanomaly

77.9925, 0.3332, 0.3221

Monochromacy



Original Color

77.8792, 0.3415, 0.3351

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.7251, 0.3224, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.8792, 0.3415, 0.3351 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 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, 221, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 215) }
```

Border

The CSS property to change the border of an element to Yxy 77.8792, 0.3415, 0.3351 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, 215) }
```

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

```
.border{ border-color:rgb(255, 221, 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, 221, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 77.8792, 0.3415, 0.3351 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, 215) }
```

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

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