

Converting Colors

$Y_{xy}(76.9532, 0.3413, 0.3369)$

Have a look what the booklet for
Yxy(76.9532, 0.3413, 0.3369)
contains.

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Color

Yxy(76.6859, 0.3409, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	FCDCD5
RGB	252, 220, 213
RGB Percent	99%, 86%, 84%
CMY	0.0116, 0.1373, 0.1647
CMYK	0.00, 0.13, 0.15, 0.01
HSL	11°, 87%, 91%
HSV	11°, 15%, 99%
XYZ	77.7580, 76.6859, 73.6522
YIQ	228.7700, 21.3190, 4.6070

Conversions

Conversions Part 2

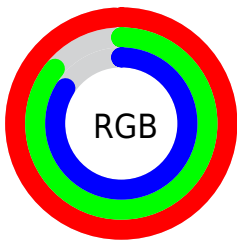
Format	Color
R _Y B	252, 222, 213
Decimal	16571605
CIE Lab	90.18, 9.97, 7.50
CIE LCh	90, 12.479, 36.934
Yxy	76.6859, 0.3409, 0.3362
Android (android.graphics.Color)	4294761685 (0xFFFCDCD5)
YUV	228.7700, -7.7746, 20.3727
Hunter-Lab	87.5705, 5.2502, 11.4328

Details

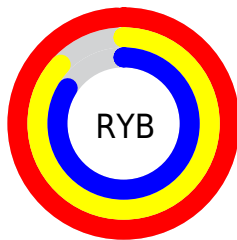
The Yxy color **76.6859, 0.3409, 0.3362** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.5075, 0.2889, 0.3217**, and the grayscale version is **78.2278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.9810, 0.3478, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **65.3119, 0.3642, 0.3412**, and if you desaturate by 10%, it is **89.6094, 0.3217, 0.3315**.

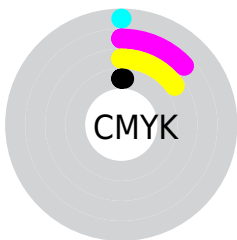
Distribution



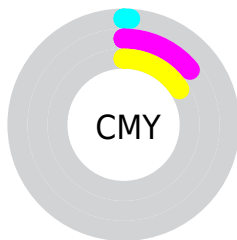
- Red (99%)
- Green (86%)
- Blue (84%)



- Red (99%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (13%)
- Yellow (15%)
- Black (1%)





- Cyan (1%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.6859, 0.3409, 0.3362 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 76.6859, 0.3409, 0.3362 by changing the saturation by 10% instead.

 76.6859, 0.3409,
0.3362

 76.6859, 0.3409,
0.3362


483.6924, 0.3279,
0.3331

 56.9951, 0.3439,
0.3369


128.6960, 0.3364,
0.3351

 41.0013, 0.3475,
0.3377


161.7841, 0.3346,
0.3347

 28.3201, 0.3522,
0.3387


200.1068, 0.3331,
0.3344

 18.5671, 0.3582,
0.3399

244.0484, 0.3318,
0.3340

 11.3579, 0.3664,
0.3415

293.9934, 0.3307,
0.3337

 6.3081, 0.3782,
0.3437

350.3261, 0.3296,

 3.0333, 0.3966,

0.3335

0.3465

413.4310, 0.3287,
0.3333

■ 1.1492, 0.4320,
0.3525

■ 0.0196, 0.9305,
0.0695

■ 76.6859, 0.3409,
0.3362

■ 76.6859, 0.3409,
0.3362

■ 65.3119, 0.3642,
0.3412

■ 89.6094, 0.3217,
0.3315

■ 55.4191, 0.3922,
0.3463

■ 99.4425, 0.3109,
0.3290

■ 46.9493, 0.4256,
0.3510

■ 39.8364, 0.4640,
0.3549

■ 34.0090, 0.5060,
0.3571

■ 29.3890, 0.5485,
0.3567

■ 25.8896, 0.5864,
0.3530

■ 23.4116, 0.6146,
0.3462

■ 22.5914, 0.6238,
0.3429

Harmonies

Analogous

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



76.6859, 0.3330, 0.3234



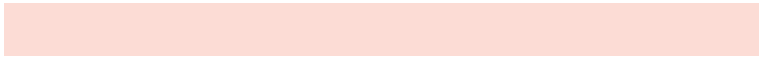
76.6859, 0.3409, 0.3362



76.6859, 0.3410, 0.3475

Triad

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



76.6859, 0.3409, 0.3362



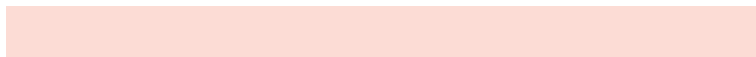
76.6859, 0.3053, 0.3467



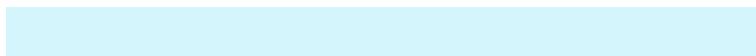
76.6859, 0.2922, 0.3044

Complementary

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



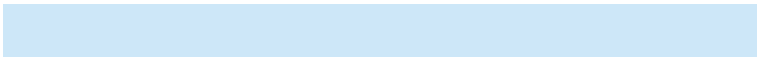
76.6859, 0.3409, 0.3362



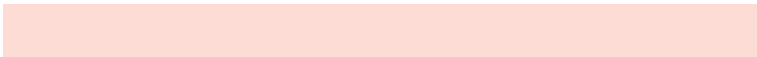
86.5075, 0.2889, 0.3217

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.



76.6859, 0.2852, 0.3099



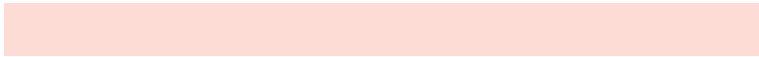
76.6859, 0.3409, 0.3362



76.6859, 0.2926, 0.3343

Square

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



76.6859, 0.3409, 0.3362



76.6859, 0.3202, 0.3540



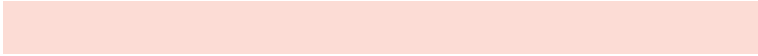
76.6859, 0.2853, 0.3207



76.6859, 0.3048, 0.3054

Rectangle

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



76.6859, 0.3409, 0.3362



76.6859, 0.3366, 0.3526



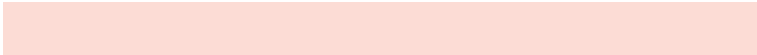
76.6859, 0.2853, 0.3207



76.6859, 0.2891, 0.3055

Sweetspot

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



76.6893, 0.3409, 0.3362



92.7093, 0.3209, 0.3312



74.9153, 0.3189, 0.2967



19.6314, 0.3221, 0.3316



0.0000, 0.0000, 0.0000



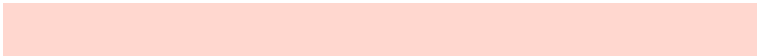
21.4041, 0.3127, 0.3290

Same Dimension

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



76.6893, 0.3409, 0.3362



74.4615, 0.3486, 0.3379



87.2540, 0.3380, 0.3551



17.7280, 0.3290, 0.3333



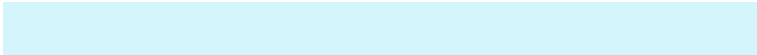
11.9137, 0.6215, 0.3447



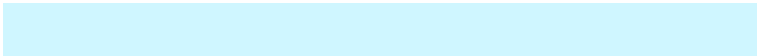
1.2370, 0.6006, 0.3613

Inverse Universe

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



86.5075, 0.2889, 0.3217



86.5266, 0.2836, 0.3199



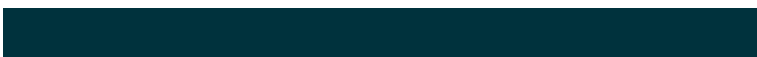
75.5756, 0.2881, 0.3015



19.0484, 0.2980, 0.3246



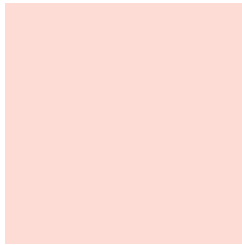
27.0674, 0.2085, 0.2706



2.6404, 0.2107, 0.2783

Previews

White Background



This preview shows how the Yxy color 76.6859, 0.3409, 0.3362 looks on a white background.

Color Contrast Check

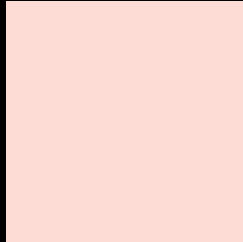
Large Text (above 18pt) WCAG AA × Fail

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 76.6859, 0.3409, 0.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

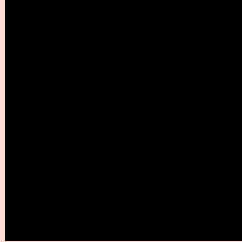
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

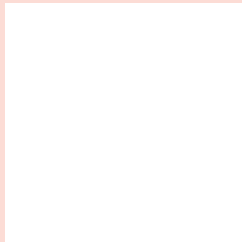
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.6859, 0.3409, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 76.6859, 0.3409, 0.3362.

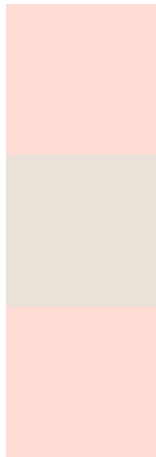


This preview shows how white text looks on a background with the Yxy color 76.6859, 0.3409, 0.3362.

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

76.6859, 0.3409, 0.3362

Protanopia

76.8430, 0.3249, 0.3396

Deuteranopia

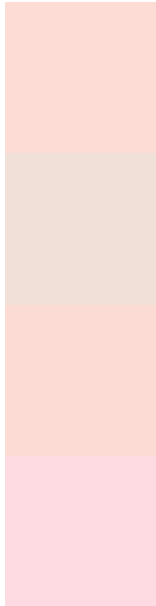
76.5380, 0.3425, 0.3352



Tritanopia

76.8262, 0.3287, 0.3121

Trichromacy



Original Color

76.6859, 0.3409, 0.3362

Protanomaly

76.9184, 0.3308, 0.3384

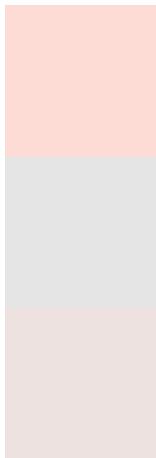
Deuteranomaly

76.3498, 0.3418, 0.3352

Tritanomaly

76.7046, 0.3334, 0.3210

Monochromacy



Original Color

76.6859, 0.3409, 0.3362

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.7250, 0.3224, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.6859, 0.3409, 0.3362 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(252, 220, 213)` looks like.

```
.text, #text, p{  
    color:rgb(252, 220, 213)  
}
```

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(252, 220, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 220, 213) }
```

Border

The CSS property to change the border of an element to Yxy 76.6859, 0.3409, 0.3362 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(252, 220, 213) }
```

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

```
.border{ border-color:rgb(252, 220, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 220, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 220, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 220, 213);  
box-shadow:4px 4px 4px 4px rgb(252, 220,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 76.6859, 0.3409, 0.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 220, 213) }
```

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

```
.background{ background-color: rgb(252,  
220, 213) }
```

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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