

Converting Colors

$Y_{xy}(76.7310, 0.3401, 0.3356)$

Have a look what the booklet for
Yxy(76.7310, 0.3401, 0.3356)
contains.

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Color

Yxy(76.7369, 0.3402, 0.3352)

Conversions

Conversions Part 1

Format	Color
Hex	FCDCD6
RGB	252, 220, 214
RGB Percent	99%, 86%, 84%
CMY	0.0116, 0.1373, 0.1609
CMYK	0.00, 0.13, 0.15, 0.01
HSL	9°, 87%, 91%
HSV	9°, 15%, 99%
XYZ	77.8815, 76.7369, 74.3103
YIQ	228.8840, 20.9980, 4.9180

Conversions

Conversions Part 2

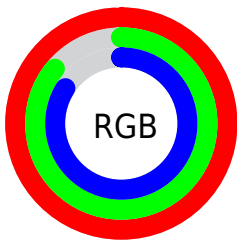
Format	Color
R _Y B	252, 221, 214
Decimal	16571606
CIE Lab	90.20, 10.12, 7.02
CIE LCh	90, 12.316, 34.737
Yxy	76.7369, 0.3402, 0.3352
Android (android.graphics.Color)	4294761686 (0xFFFCDCD6)
YUV	228.8840, -7.3378, 20.2727
Hunter-Lab	87.5996, 5.3984, 11.0243

Details

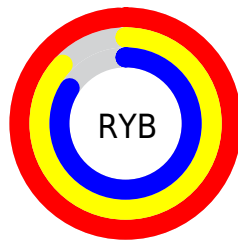
The Yxy color **76.7369, 0.3402, 0.3352** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.2426, 0.2895, 0.3227**, and the grayscale version is **78.3117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.0156, 0.3468, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **65.1116, 0.3635, 0.3396**, and if you desaturate by 10%, it is **89.9817, 0.3211, 0.3310**.

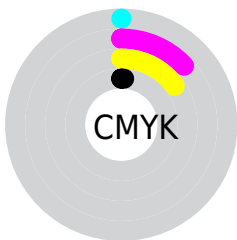
Distribution



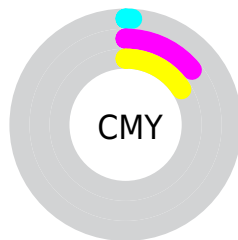
- Red (99%)
- Green (86%)
- Blue (84%)



- 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 76.7369, 0.3402, 0.3352 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 76.7369, 0.3402, 0.3352 by changing the saturation by 10% instead.


 76.7369, 0.3402,
0.3352

 76.7369, 0.3402,
0.3352

483.8665, 0.3275,
0.3325

 57.0370, 0.3431,
0.3358


128.7680, 0.3358,
0.3343

 41.0349, 0.3467,
0.3365


161.8680, 0.3341,
0.3339

 28.3464, 0.3512,
0.3373


200.2034, 0.3326,
0.3336

 18.5869, 0.3571,
0.3384

244.1588, 0.3313,
0.3333

 11.3722, 0.3651,
0.3397

294.1183, 0.3302,
0.3331

 6.3178, 0.3766,
0.3415

350.4665, 0.3292,

 3.0392, 0.3945,

0.3329

0.3438

413.5878, 0.3283,
0.3327

■ 1.1523, 0.4283,
0.3483

■ 0.0222, 0.9236,
0.0764

■ 76.7369, 0.3402,
0.3352

■ 76.7369, 0.3402,
0.3352

■ 65.1116, 0.3635,
0.3396

■ 89.9817, 0.3211,
0.3310

■ 55.0336, 0.3918,
0.3441

■ 99.4413, 0.3109,
0.3290

■ 46.4404, 0.4254,
0.3483

■ 39.2614, 0.4644,
0.3518

■ 33.4201, 0.5072,
0.3537

■ 28.8328, 0.5505,
0.3532

■ 25.4060, 0.5890,
0.3498

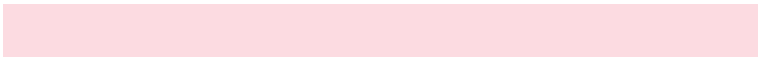
■ 23.0323, 0.6173,
0.3436

■ 22.2095, 0.6270,
0.3404

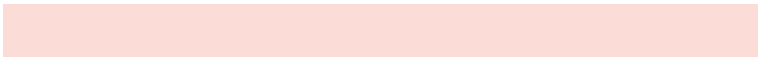
Harmonies

Analogous

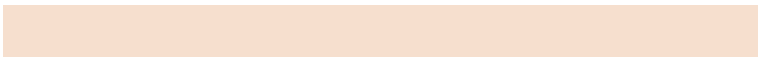
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.7369, 0.3320, 0.3226



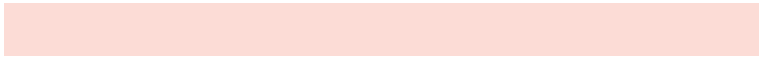
76.7369, 0.3402, 0.3352



76.7369, 0.3409, 0.3466

Triad

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



76.7369, 0.3402, 0.3352



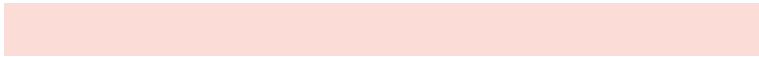
76.7369, 0.3065, 0.3472



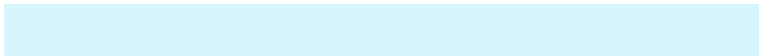
76.7369, 0.2917, 0.3049

Complementary

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



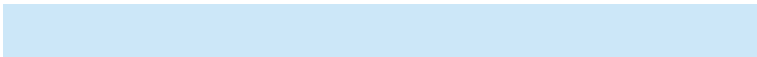
76.7369, 0.3402, 0.3352



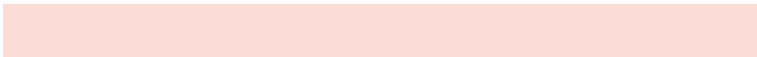
87.2426, 0.2895, 0.3227

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.



76.7369, 0.2853, 0.3108



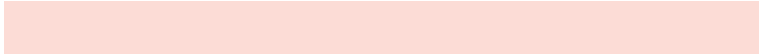
76.7369, 0.3402, 0.3352



76.7369, 0.2937, 0.3352

Square

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



76.7369, 0.3402, 0.3352



76.7369, 0.3212, 0.3539



76.7369, 0.2860, 0.3218



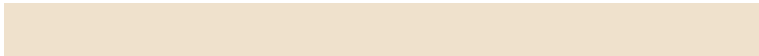
76.7369, 0.3038, 0.3054

Rectangle

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



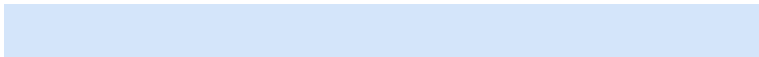
76.7369, 0.3402, 0.3352



76.7369, 0.3369, 0.3519



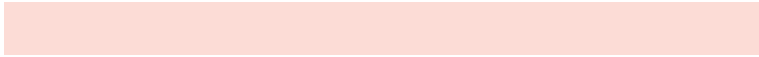
76.7369, 0.2860, 0.3218



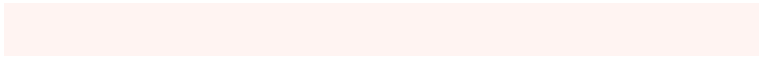
76.7369, 0.2889, 0.3062

Sweetspot

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



76.7403, 0.3402, 0.3352



92.5477, 0.3209, 0.3310



75.4576, 0.3183, 0.2970



19.5923, 0.3221, 0.3313



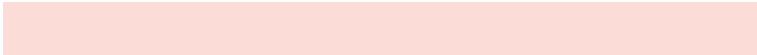
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



76.7403, 0.3402, 0.3352



75.1646, 0.3465, 0.3365



87.1203, 0.3374, 0.3538



17.6684, 0.3290, 0.3328



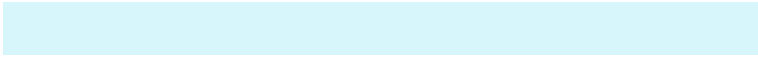
11.7012, 0.6248, 0.3421



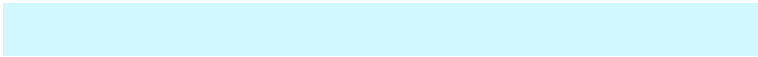
1.2086, 0.6048, 0.3580

Inverse Universe

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



87.2426, 0.2895, 0.3227



87.7652, 0.2851, 0.3214



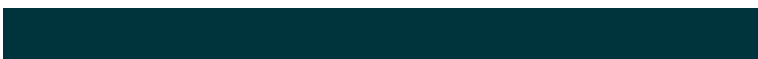
76.4243, 0.2887, 0.3029



19.1135, 0.2980, 0.3252



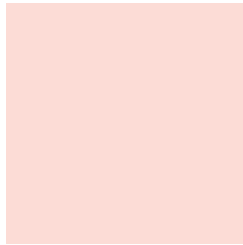
28.4076, 0.2105, 0.2778



2.7525, 0.2124, 0.2846

Previews

White Background



This preview shows how the Yxy color 76.7369, 0.3402, 0.3352 looks on a white background.

Color Contrast Check

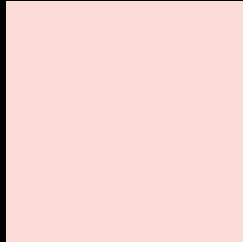
Large Text (above 18pt) WCAG AA × Fail

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 76.7369, 0.3402, 0.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

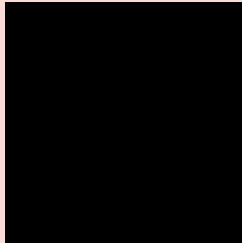
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

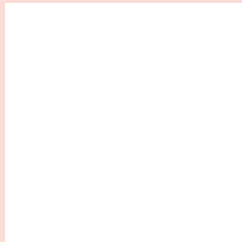
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.7369, 0.3402, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 76.7369, 0.3402, 0.3352.

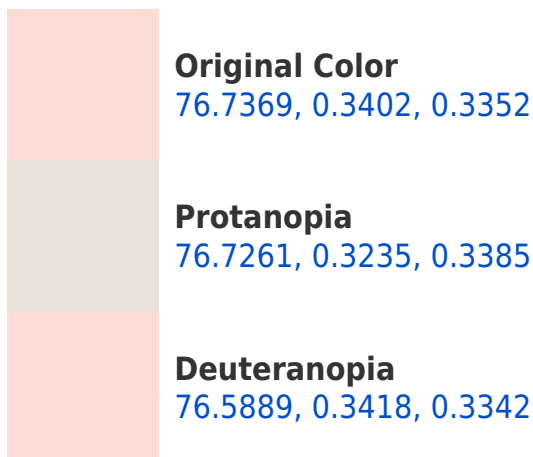


This preview shows how white text looks on a background with the Yxy color 76.7369, 0.3402, 0.3352.

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

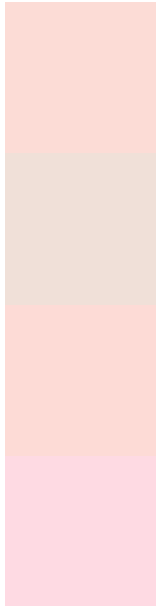




Tritanopia

76.8262, 0.3287, 0.3121

Trichromacy



Original Color

76.7369, 0.3402, 0.3352

Protanomaly

76.7944, 0.3294, 0.3374

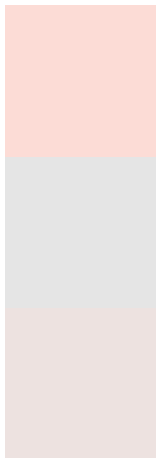
Deuteranomaly

76.4007, 0.3411, 0.3342

Tritanomaly

76.7597, 0.3327, 0.3200

Monochromacy



Original Color

76.7369, 0.3402, 0.3352

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.7791, 0.3217, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.7369, 0.3402, 0.3352 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(252, 220, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 220, 214) }
```

Border

The CSS property to change the border of an element to Yxy 76.7369, 0.3402, 0.3352 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, 214) }
```

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

```
.border{ border-color:rgb(252, 220, 214) }
```

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, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 220, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 220, 214);  
box-shadow:4px 4px 4px 4px rgb(252, 220,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 76.7369, 0.3402, 0.3352 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, 214) }
```

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

```
.background{ background-color: rgb(252,  
220, 214) }
```

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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