

Converting Colors

$Yxy(76.3034, 0.3390, 0.3419)$

Have a look what the booklet for
Yxy(76.3034, 0.3390, 0.3419)
contains.

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Color

Yxy(76.4388, 0.3389, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	F6DED1
RGB	246, 222, 209
RGB Percent	96%, 87%, 82%
CMY	0.0353, 0.1294, 0.1803
CMYK	0.00, 0.10, 0.15, 0.04
HSL	21°, 67%, 89%
HSV	21°, 15%, 96%
XYZ	75.6354, 76.4388, 71.1048
YIQ	227.6940, 18.4770, 1.0450

Conversions

Conversions Part 2

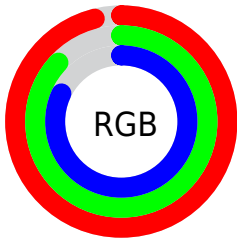
Format	Color
R _Y B	246, 229, 209
Decimal	16178897
CIE Lab	90.06, 6.17, 9.35
CIE LCh	90, 11.203, 56.568
Yxy	76.4388, 0.3389, 0.3425
Android (android.graphics.Color)	4294368977 (0xFFFF6DED1)
YUV	227.6940, -9.2161, 16.0544
Hunter-Lab	87.4293, 1.4197, 12.9809

Details

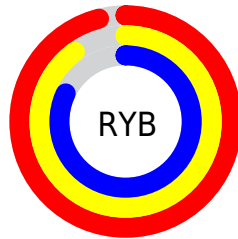
The Yxy color **76.4388, 0.3389, 0.3425** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.4943, 0.2893, 0.3151**, and the grayscale version is **77.4086, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8228, 0.3443, 0.3451** is the 20% darker color. If you saturate the color by 10%, you get **67.2352, 0.3602, 0.3521**, and if you desaturate by 10%, it is **86.6399, 0.3208, 0.3334**.

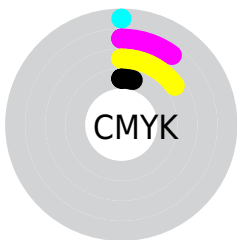
Distribution



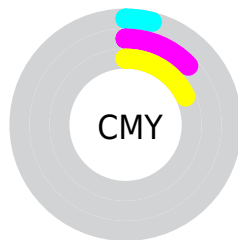
- Red (96%)
- Green (87%)
- Blue (82%)



- Red (96%)
- Yellow (90%)
- Blue (82%)



- Cyan (0%)
- Magenta (10%)
- Yellow (15%)
- Black (4%)





- Cyan (4%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.4388, 0.3389, 0.3425 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 76.4388, 0.3389, 0.3425 by changing the saturation by 10% instead.


 76.4388, 0.3389,
0.3425

 76.4388, 0.3389,
0.3425


482.8485, 0.3268,
0.3364

 56.7924, 0.3417,
0.3438


128.3470, 0.3347,
0.3404

 40.8386, 0.3450,
0.3455


161.3776, 0.3331,
0.3396

 28.1930, 0.3493,
0.3475


199.6383, 0.3317,
0.3389

 18.4712, 0.3549,
0.3502

243.5136, 0.3305,
0.3383

 11.2888, 0.3626,
0.3537

293.3879, 0.3294,
0.3377

 6.2614, 0.3735,
0.3585

349.6455, 0.3284,

 3.0047, 0.3904,

0.3373

0.3655

412.6709, 0.3276,
0.3368

■ 1.1342, 0.4277,
0.3833

■ 0.0069, 0.9577,
0.0423

■ 76.4388, 0.3389,
0.3425

■ 76.4388, 0.3389,
0.3425

■ 67.2352, 0.3602,
0.3521

■ 86.6399, 0.3208,
0.3334

■ 58.9881, 0.3850,
0.3619

■ 97.6481, 0.3072,
0.3279

■ 51.6685, 0.4136,
0.3713

■ 98.3310, 0.3072,
0.3290

■ 45.2419, 0.4455,
0.3795

■ 39.6717, 0.4798,
0.3854

■ 34.9182, 0.5148,
0.3878

■ 30.9380, 0.5474,
0.3854

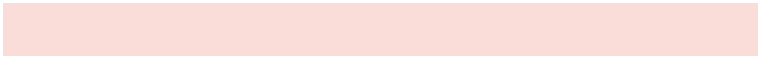
■ 27.6824, 0.5747,
0.3778

■ 26.3095, 0.5861,
0.3728

Harmonies

Analogous

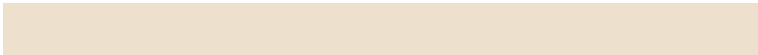
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4388, 0.3363, 0.3316



76.4388, 0.3389, 0.3425



76.4388, 0.3343, 0.3502

Triad

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



76.4388, 0.3389, 0.3425



76.4388, 0.2982, 0.3379



76.4388, 0.3013, 0.3068

Complementary

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



76.4388, 0.3389, 0.3425



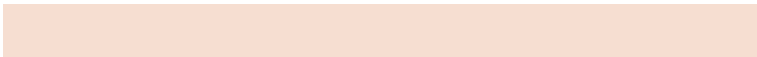
78.4943, 0.2893, 0.3151

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.



76.4388, 0.2914, 0.3079



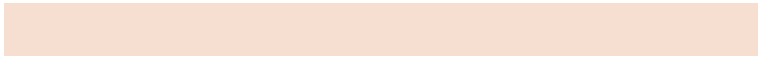
76.4388, 0.3389, 0.3425



76.4388, 0.2897, 0.3257

Square

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



76.4388, 0.3389, 0.3425



76.4388, 0.3107, 0.3478



76.4388, 0.2872, 0.3148



76.4388, 0.3144, 0.3113

Rectangle

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



76.4388, 0.3389, 0.3425



76.4388, 0.3278, 0.3523



76.4388, 0.2872, 0.3148



76.4388, 0.2975, 0.3065

Sweetspot

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



76.4422, 0.3389, 0.3425



94.0411, 0.3207, 0.3334



71.0906, 0.3235, 0.3045



19.9542, 0.3219, 0.3340



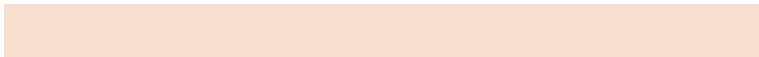
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



76.4422, 0.3389, 0.3425



79.8381, 0.3450, 0.3454



86.7782, 0.3361, 0.3610



17.4345, 0.3285, 0.3374



14.2819, 0.5831, 0.3752



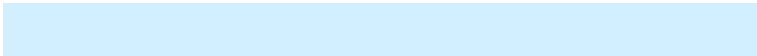
1.4408, 0.5592, 0.3942

Inverse Universe

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



78.4943, 0.2893, 0.3151



82.4524, 0.2846, 0.3121



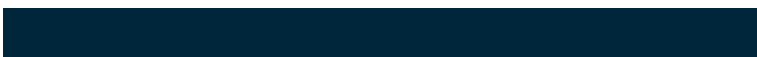
68.5944, 0.2886, 0.2949



17.7211, 0.2980, 0.3205



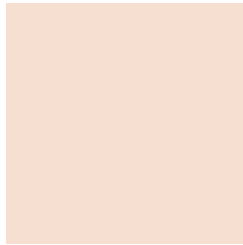
17.1712, 0.1916, 0.2097



1.7017, 0.1962, 0.2264

Previews

White Background



This preview shows how the Yxy color 76.4388, 0.3389, 0.3425 looks on a white background.

Color Contrast Check

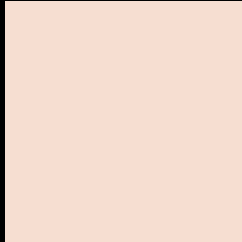
Large Text (above 18pt) WCAG AA × Fail

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 76.4388, 0.3389, 0.3425 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 76.4388, 0.3389, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 76.4388, 0.3389, 0.3425.

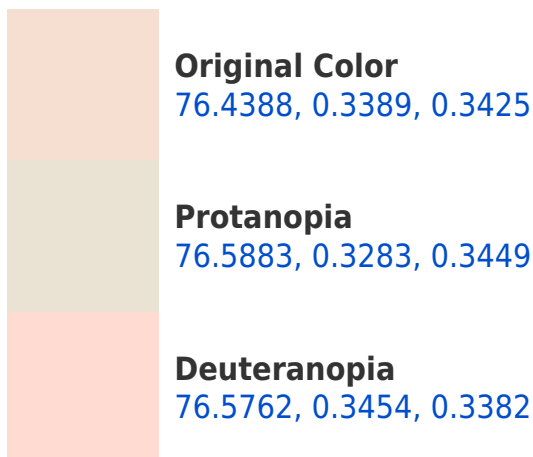


This preview shows how white text looks on a background with the Yxy color 76.4388, 0.3389, 0.3425.

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

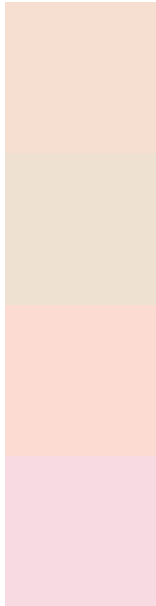




Tritanopia

76.2807, 0.3236, 0.3119

Trichromacy



Original Color

76.4388, 0.3389, 0.3425

Protanomaly

76.6807, 0.3319, 0.3448

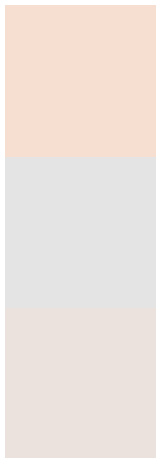
Deuteranomaly

76.5350, 0.3430, 0.3393

Tritanomaly

76.1105, 0.3289, 0.3219

Monochromacy



Original Color

76.4388, 0.3389, 0.3425

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.2753, 0.3223, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.4388, 0.3389, 0.3425 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(246, 222, 209)` looks like.

```
.text, #text, p{  
    color:rgb(246, 222, 209)  
}
```

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(246, 222, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 222, 209) }
```

Border

The CSS property to change the border of an element to Yxy 76.4388, 0.3389, 0.3425 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(246, 222, 209) }
```

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

```
.border{ border-color:rgb(246, 222, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 222, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 222, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 222, 209);  
box-shadow:4px 4px 4px 4px rgb(246, 222,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 76.4388, 0.3389, 0.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 222, 209) }
```

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

```
.background{ background-color: rgb(246,  
222, 209) }
```

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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