

Converting Colors

$Y_{xy}(76.9585, 0.3390, 0.3405)$

Have a look what the booklet for
Yxy(76.9585, 0.3390, 0.3405)
contains.

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Color

Yxy(76.9022, 0.3390, 0.3404)

Conversions

Conversions Part 1

Format	Color
Hex	F8DED3
RGB	248, 222, 211
RGB Percent	97%, 87%, 83%
CMY	0.0275, 0.1294, 0.1726
CMYK	0.00, 0.10, 0.15, 0.03
HSL	18°, 73%, 90%
HSV	18°, 15%, 97%
XYZ	76.5859, 76.9022, 72.4290
YIQ	228.5200, 19.0270, 2.0910

Conversions

Conversions Part 2

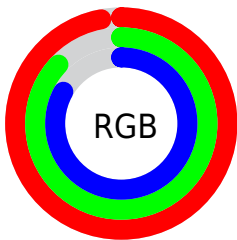
Format	Color
R _Y B	248, 227, 211
Decimal	16309971
CIE Lab	90.28, 7.18, 8.65
CIE LCh	90, 11.242, 50.285
Yxy	76.9022, 0.3390, 0.3404
Android (android.graphics.Color)	4294500051 (0xFFFF8DED3)
YUV	228.5200, -8.6374, 17.0840
Hunter-Lab	87.6939, 2.4255, 12.4163

Details

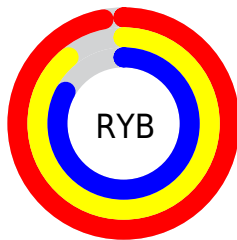
The Yxy color **76.9022, 0.3390, 0.3404** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.1737, 0.2896, 0.3173**, and the grayscale version is **78.0386, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.1481, 0.3444, 0.3423** is the 20% darker color. If you saturate the color by 10%, you get **66.9789, 0.3608, 0.3486**, and if you desaturate by 10%, it is **87.9794, 0.3206, 0.3326**.

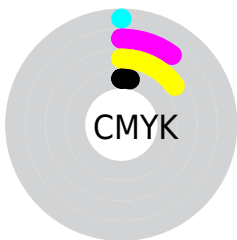
Distribution



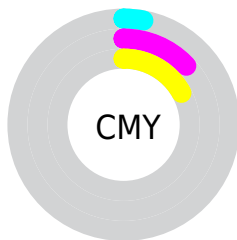
- Red (97%)
- Green (87%)
- Blue (83%)



- Red (97%)
- Yellow (89%)
- Blue (83%)



- Cyan (0%)
- Magenta (10%)
- Yellow (15%)
- Black (3%)




- Cyan (3%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.9022, 0.3390, 0.3404 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 76.9022, 0.3390, 0.3404 by changing the saturation by 10% instead.

 76.9022, 0.3390,
0.3404

 76.9022, 0.3390,
0.3404


484.4305, 0.3269,
0.3353

 57.1726, 0.3418,
0.3415


129.0014, 0.3348,
0.3387

 41.1438, 0.3452,
0.3429


162.1398, 0.3332,
0.3380

 28.4315, 0.3495,
0.3446


200.5167, 0.3318,
0.3374

 18.6512, 0.3551,
0.3468

244.5163, 0.3305,
0.3369

 11.4185, 0.3627,
0.3496

294.5231, 0.3295,
0.3364

 6.3491, 0.3736,
0.3535

350.9214, 0.3285,

 3.0585, 0.3906,

0.3360

0.3592

414.0958, 0.3276,
0.3356

■ 1.1623, 0.4251,
0.3719

■ 0.0306, 0.8697,
0.1303

■ 76.9022, 0.3390,
0.3404

■ 76.9022, 0.3390,
0.3404

■ 66.9789, 0.3608,
0.3486

■ 87.9794, 0.3206,
0.3326

■ 58.1617, 0.3865,
0.3569

■ 98.6940, 0.3084,
0.3290

■ 50.4142, 0.4164,
0.3649

■ 43.6942, 0.4502,
0.3718

■ 37.9567, 0.4870,
0.3766

■ 33.1529, 0.5245,
0.3779

■ 29.2291, 0.5594,
0.3749

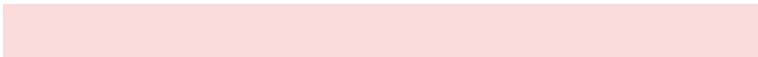
■ 26.1253, 0.5879,
0.3670

■ 24.8339, 0.5998,
0.3620

Harmonies

Analogous

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



76.9022, 0.3349, 0.3291



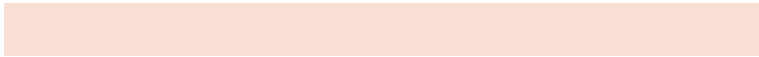
76.9022, 0.3390, 0.3404



76.9022, 0.3359, 0.3490

Triad

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



76.9022, 0.3390, 0.3404



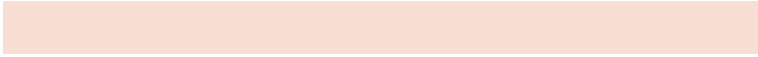
76.9022, 0.3005, 0.3403



76.9022, 0.2988, 0.3065

Complementary

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



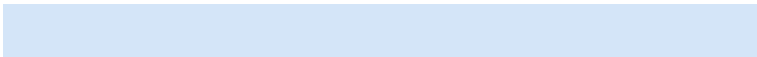
76.9022, 0.3390, 0.3404



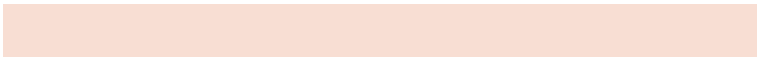
81.1737, 0.2896, 0.3173

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.



76.9022, 0.2900, 0.3089



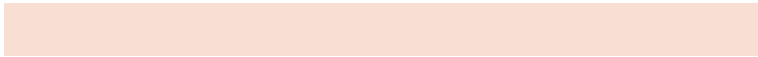
76.9022, 0.3390, 0.3404



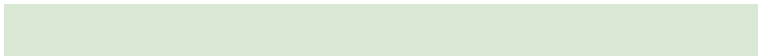
76.9022, 0.2910, 0.3283

Square

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



76.9022, 0.3390, 0.3404



76.9022, 0.3135, 0.3492



76.9022, 0.2871, 0.3168



76.9022, 0.3115, 0.3099

Rectangle

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



76.9022, 0.3390, 0.3404



76.9022, 0.3301, 0.3519



76.9022, 0.2871, 0.3168



76.9022, 0.2953, 0.3066

Sweetspot

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



76.9056, 0.3390, 0.3404



94.8757, 0.3191, 0.3319



72.6828, 0.3217, 0.3022



20.1059, 0.3204, 0.3325



0.0000, 0.0000, 0.0000



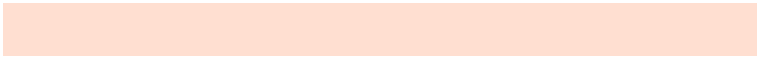
21.4041, 0.3127, 0.3290

Same Dimension

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



76.9056, 0.3390, 0.3404



78.5221, 0.3454, 0.3429



86.9601, 0.3363, 0.3583



18.0678, 0.3287, 0.3361



13.6290, 0.5969, 0.3642



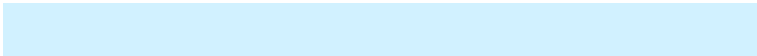
1.4386, 0.5737, 0.3827

Inverse Universe

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



81.1737, 0.2896, 0.3173



83.8948, 0.2848, 0.3147



71.2914, 0.2889, 0.2979



18.6843, 0.2980, 0.3218



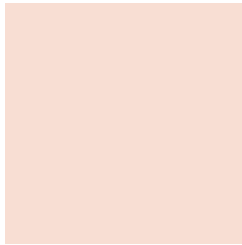
20.2975, 0.1969, 0.2287



2.0647, 0.2006, 0.2421

Previews

White Background



This preview shows how the Yxy color 76.9022, 0.3390, 0.3404 looks on a white background.

Color Contrast Check

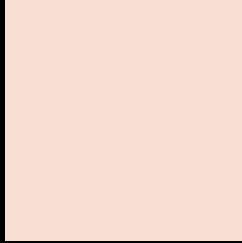
Large Text (above 18pt) WCAG AA × Fail

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 76.9022, 0.3390, 0.3404 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

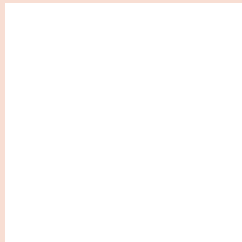
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.9022, 0.3390, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 76.9022, 0.3390, 0.3404.

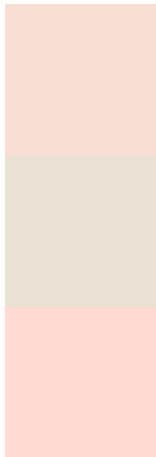


This preview shows how white text looks on a background with the Yxy color 76.9022, 0.3390, 0.3404.

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

76.9022, 0.3390, 0.3404

Protanopia

76.8590, 0.3276, 0.3428

Deuteranopia

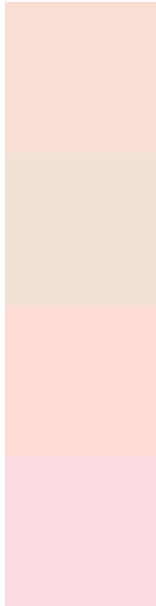
76.6765, 0.3440, 0.3362



Tritanopia

76.6502, 0.3250, 0.3120

Trichromacy



Original Color

76.9022, 0.3390, 0.3404

Protanomaly

77.1292, 0.3320, 0.3426

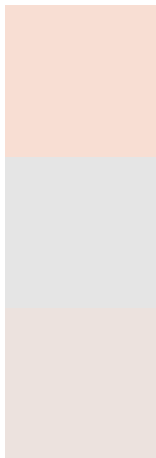
Deuteranomaly

76.6353, 0.3416, 0.3372

Tritanomaly

76.4780, 0.3304, 0.3220

Monochromacy



Original Color

76.9022, 0.3390, 0.3404

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.4995, 0.3223, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.9022, 0.3390, 0.3404 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(248, 222, 211)` looks like.

```
.text, #text, p{  
    color:rgb(248, 222, 211)  
}
```

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(248, 222, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 222, 211) }
```

Border

The CSS property to change the border of an element to Yxy 76.9022, 0.3390, 0.3404 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(248, 222, 211) }
```

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

```
.border{ border-color:rgb(248, 222, 211) }
```

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

Here you see how a box with a 4 pixel rgb(248, 222, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 222, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 222, 211);  
box-shadow:4px 4px 4px 4px rgb(248, 222,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 76.9022, 0.3390, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 222, 211) }
```

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

```
.background{ background-color: rgb(248,  
222, 211) }
```

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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