

Converting Colors

$Yxy(76.3394, 0.3407, 0.3301)$

Have a look what the booklet for
Yxy(76.3394, 0.3407, 0.3301)
contains.

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Color

Yxy(76.4126, 0.3406, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	FFDAD9
RGB	255, 218, 217
RGB Percent	100%, 85%, 85%
CMY	0.0000, 0.1451, 0.1491
CMYK	0.00, 0.15, 0.15, 0.00
HSL	2°, 100%, 93%
HSV	2°, 15%, 100%
XYZ	78.8432, 76.4126, 76.2274
YIQ	228.9490, 22.3730, 7.5330

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 218, 217
Decimal	16767705
CIE Lab	90.05, 12.68, 5.26
CIE LCh	90, 13.731, 22.514
Yxy	76.4126, 0.3406, 0.3301
Android (android.graphics.Color)	4294957785 (0xFFFFDAD9)
YUV	228.9490, -5.8909, 22.8467
Hunter-Lab	87.4143, 8.0227, 9.4877

Details

The Yxy color **76.4126, 0.3406, 0.3301** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.8456, 0.2900, 0.3279**, and the grayscale version is **78.3427, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8088, 0.3474, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **63.2599, 0.3652, 0.3309**, and if you desaturate by 10%, it is **91.6918, 0.3209, 0.3293**.

Distribution



Red (100%)

Green (85%)

Blue (85%)



Red (100%)

Yellow (85%)

Blue (85%)



Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (15%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.4126, 0.3406, 0.3301 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 76.4126, 0.3406, 0.3301 by changing the saturation by 10% instead.


 76.4126, 0.3406,
0.3301

 76.4126, 0.3406,
0.3301


482.7589, 0.3277,
0.3297

 56.7709, 0.3435,
0.3302


128.3100, 0.3361,
0.3300

 40.8213, 0.3472,
0.3302


161.3344, 0.3344,
0.3300

 28.1795, 0.3517,
0.3302


199.5886, 0.3329,
0.3299

 18.4610, 0.3577,
0.3302

243.4569, 0.3316,
0.3299

 11.2815, 0.3659,
0.3302

293.3237, 0.3305,
0.3298

 6.2565, 0.3776,
0.3299

349.5733, 0.3294,

 3.0017, 0.3959,

0.3298

0.3292

412.5903, 0.3285,
0.3298

■ 1.1326, 0.4289,
0.3273

■ 0.0056, 0.9825,
0.0175

■ 76.4126, 0.3406,
0.3301

■ 76.4126, 0.3406,
0.3301

■ 63.2599, 0.3652,
0.3309

■ 91.6918, 0.3209,
0.3293

■ 52.1482, 0.3956,
0.3317

100.0000, 0.3127,
0.3290

■ 42.9725, 0.4327,
0.3325

■ 35.6221, 0.4760,
0.3331

■ 29.9749, 0.5235,
0.3334

■ 25.8944, 0.5701,
0.3332

■ 23.2228, 0.6086,
0.3325

■ 21.7692, 0.6323,
0.3313

■ 21.4073, 0.6388,
0.3310

Harmonies

Analogous

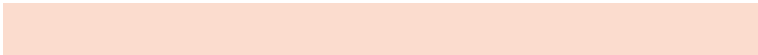
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4126, 0.3286, 0.3166



76.4126, 0.3406, 0.3301



76.4126, 0.3450, 0.3437

Triad

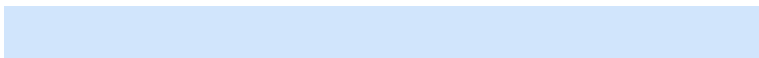
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.4126, 0.3406, 0.3301



76.4126, 0.3124, 0.3533



76.4126, 0.2855, 0.3040

Complementary

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



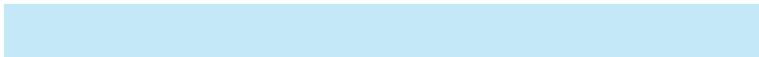
76.4126, 0.3406, 0.3301



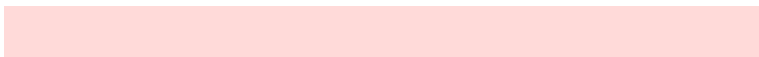
92.8456, 0.2900, 0.3279

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.



76.4126, 0.2815, 0.3130



76.4126, 0.3406, 0.3301



76.4126, 0.2967, 0.3419

Square

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



76.4126, 0.3406, 0.3301



76.4126, 0.3284, 0.3577



76.4126, 0.2856, 0.3269



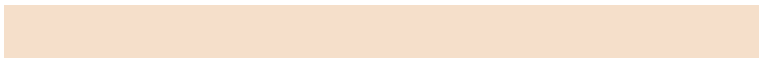
76.4126, 0.2967, 0.3016

Rectangle

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



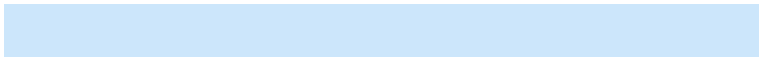
76.4126, 0.3406, 0.3301



76.4126, 0.3429, 0.3512



76.4126, 0.2856, 0.3269



76.4126, 0.2833, 0.3063

Sweetspot

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



76.4095, 0.3406, 0.3301



93.1884, 0.3193, 0.3293



78.0568, 0.3149, 0.2926



19.6805, 0.3206, 0.3293



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

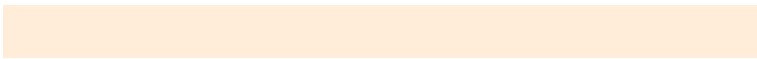
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.4095, 0.3406, 0.3301



72.1204, 0.3476, 0.3304



86.6208, 0.3378, 0.3486



18.0644, 0.3294, 0.3297



11.2193, 0.6382, 0.3314



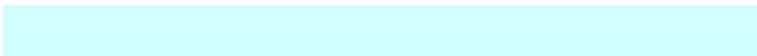
1.1184, 0.6338, 0.3349

Inverse Universe

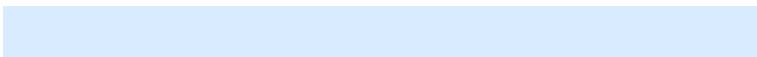
The Inverse Universe completely reimagines the original color for something new.



92.8456, 0.2900, 0.3279



91.5332, 0.2855, 0.3277



81.5914, 0.2892, 0.3086



20.3936, 0.2980, 0.3283



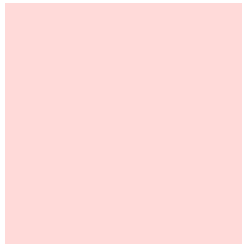
38.9585, 0.2224, 0.3206



3.8184, 0.2227, 0.3216

Previews

White Background



This preview shows how the Yxy color 76.4126, 0.3406, 0.3301 looks on a white background.

Color Contrast Check

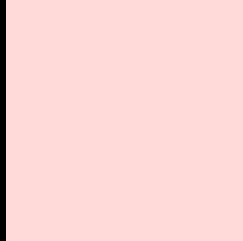
Large Text (above 18pt) WCAG AA × Fail

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 76.4126, 0.3406, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

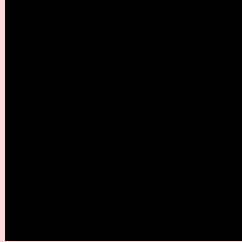
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

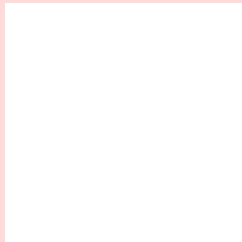
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.4126, 0.3406, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 76.4126, 0.3406, 0.3301.

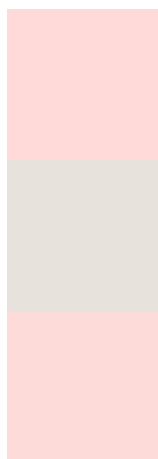


This preview shows how white text looks on a background with the Yxy color 76.4126, 0.3406, 0.3301.

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

76.4126, 0.3406, 0.3301

Protanopia

76.7690, 0.3202, 0.3343

Deuteranopia

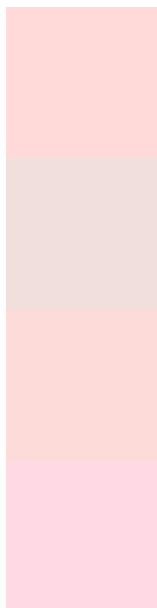
76.3682, 0.3382, 0.3311



Tritanopia

76.1979, 0.3302, 0.3131

Trichromacy



Original Color

76.4126, 0.3406, 0.3301

Protanomaly

76.4679, 0.3268, 0.3322

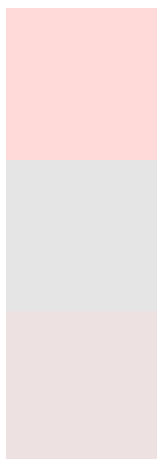
Deuteranomaly

76.5554, 0.3389, 0.3311

Tritanomaly

76.4318, 0.3336, 0.3190

Monochromacy



Original Color

76.4126, 0.3406, 0.3301

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.4638, 0.3219, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.4126, 0.3406, 0.3301 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, 218, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 217)  
}
```

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, 218, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 217) }
```

Border

The CSS property to change the border of an element to Yxy 76.4126, 0.3406, 0.3301 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, 218, 217) }
```

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

```
.border{ border-color:rgb(255, 218, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 76.4126, 0.3406, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 217) }
```

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

```
.background{ background-color: rgb(255,  
218, 217) }
```

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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