

Converting Colors

$Yxy(77.0836, 0.3258, 0.3152)$

Have a look what the booklet for
Yxy(77.0836, 0.3258, 0.3152)
contains.

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Color

Yxy(76.8702, 0.3256, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	FADBE9
RGB	250, 219, 233
RGB Percent	98%, 86%, 91%
CMY	0.0194, 0.1412, 0.0862
CMYK	0.00, 0.12, 0.07, 0.02
HSL	333°, 76%, 92%
HSV	333°, 12%, 98%
XYZ	79.4822, 76.8702, 87.7575
YIQ	229.8650, 13.9820, 10.9260

Conversions

Conversions Part 2

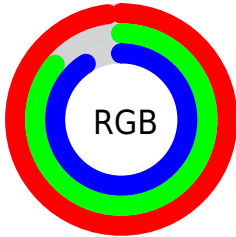
Format	Color
R _{YB}	250, 219, 233
Decimal	16440297
CIE Lab	90.26, 13.04, -2.91
CIE LCh	90, 13.361, 347.399
Yxy	76.8702, 0.3256, 0.3149
Android (android.graphics.Color)	4294630377 (0xFFFADBE9)
YUV	229.8650, 1.5456, 17.6584
Hunter-Lab	87.6757, 8.3864, 2.0276

Details

The Yxy color **76.8702, 0.3256, 0.3149** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.5227, 0.3015, 0.3435**, and the grayscale version is **79.0134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.0627, 0.3285, 0.3122** is the 20% darker color. If you saturate the color by 10%, you get **64.0395, 0.3385, 0.3029**, and if you desaturate by 10%, it is **91.7283, 0.3150, 0.3263**.

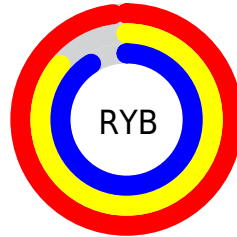
Distribution



Red (98%)

Green (86%)

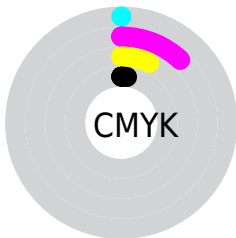
Blue (91%)



Red (98%)

Yellow (86%)

Blue (91%)

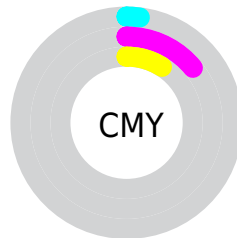


Cyan (0%)

Magenta (12%)

Yellow (7%)

Black (2%)



Cyan (2%)


Magenta (14%)


Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.8702, 0.3256, 0.3149 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 76.8702, 0.3256, 0.3149 by changing the saturation by 10% instead.

 76.8702, 0.3256,
0.3149

 76.8702, 0.3256,
0.3149


484.3214, 0.3197,
0.3213

 57.1463, 0.3269,
0.3135

128.9562, 0.3236,
0.3171

 41.1228, 0.3285,
0.3117


162.0872, 0.3228,
0.3180

 28.4150, 0.3306,
0.3095


200.4560, 0.3221,
0.3187

 18.6387, 0.3332,
0.3067

244.4471, 0.3215,
0.3194

 11.4095, 0.3368,
0.3028

294.4447, 0.3210,
0.3199

 6.3430, 0.3419,
0.2974

350.8334, 0.3205,

 3.0547, 0.3496,

0.3204

0.2893

413.9975, 0.3201,
0.3209

■ 1.1604, 0.3630,
0.2754

■ 0.0290, 0.5668,
0.0475

■ 76.8702, 0.3256,
0.3149

■ 76.8702, 0.3256,
0.3149

■ 64.0395, 0.3385,
0.3029

■ 91.7283, 0.3150,
0.3263

■ 53.1375, 0.3540,
0.2906

■ 99.0750, 0.3097,
0.3290

■ 44.0725, 0.3724,
0.2786

■ 36.7413, 0.3940,
0.2676

■ 31.0303, 0.4185,
0.2588

■ 26.8123, 0.4454,
0.2533

■ 23.9405, 0.4735,
0.2526

■ 22.2381, 0.5009,
0.2574

■ 21.5273, 0.5206,
0.2642

Harmonies

Analogous

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



76.8702, 0.3097, 0.3057



76.8702, 0.3256, 0.3149



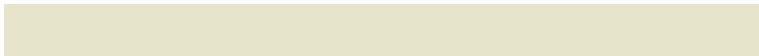
76.8702, 0.3383, 0.3277

Triad

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



76.8702, 0.3256, 0.3149



76.8702, 0.3303, 0.3568



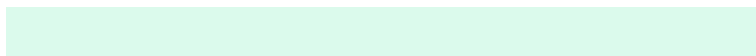
76.8702, 0.2825, 0.3156

Complementary

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



76.8702, 0.3256, 0.3149



89.5227, 0.3015, 0.3435

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.



76.8702, 0.2877, 0.3295



76.8702, 0.3256, 0.3149



76.8702, 0.3151, 0.3539

Square

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



76.8702, 0.3256, 0.3149



76.8702, 0.3410, 0.3520



76.8702, 0.2996, 0.3437



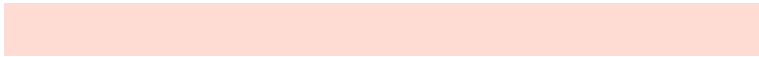
76.8702, 0.2851, 0.3057

Rectangle

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



76.8702, 0.3256, 0.3149



76.8702, 0.3430, 0.3369



76.8702, 0.2996, 0.3437



76.8702, 0.2834, 0.3199

Sweetspot

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



76.8736, 0.3256, 0.3149



93.3090, 0.3165, 0.3246



75.3169, 0.3041, 0.2973



19.7110, 0.3173, 0.3237



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

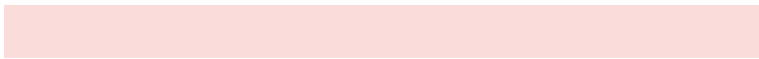
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.8736, 0.3256, 0.3149



76.6994, 0.3287, 0.3118



76.6446, 0.3352, 0.3301



17.3556, 0.3223, 0.3183



11.4407, 0.5166, 0.2620



1.0807, 0.4874, 0.2458

Inverse Universe

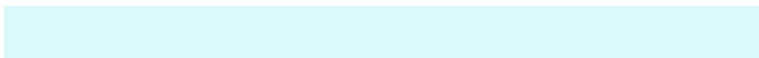
The Inverse Universe completely reimagines the original color for something new.



76.8736, 0.3256, 0.3149



76.6994, 0.3287, 0.3118



89.7293, 0.2936, 0.3279



17.3556, 0.3223, 0.3183



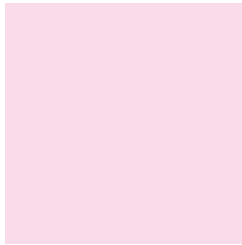
11.4407, 0.5166, 0.2620



1.0807, 0.4874, 0.2458

Previews

White Background



This preview shows how the Yxy color 76.8702, 0.3256, 0.3149 looks on a white background.

Color Contrast Check

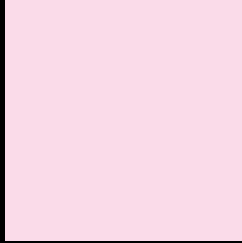
Large Text (above 18pt) WCAG AA × Fail

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 76.8702, 0.3256, 0.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

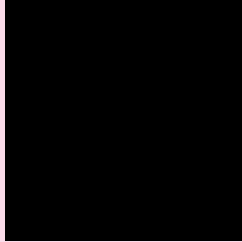
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.8702, 0.3256, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 76.8702, 0.3256, 0.3149.

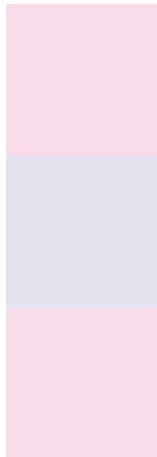


This preview shows how white text looks on a background with the Yxy color 76.8702, 0.3256, 0.3149.

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

76.8702, 0.3256, 0.3149

Protanopia

77.0011, 0.3071, 0.3175

Deuteranopia

76.8437, 0.3233, 0.3159



Tritanopia

77.0432, 0.3235, 0.3120

Trichromacy



Original Color

76.8702, 0.3256, 0.3149

Protanomaly

76.6643, 0.3133, 0.3156

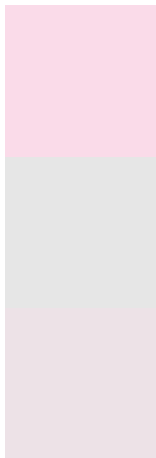
Deuteranomaly

77.0260, 0.3240, 0.3159

Tritanomaly

76.9852, 0.3242, 0.3130

Monochromacy



Original Color

76.8702, 0.3256, 0.3149

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.1668, 0.3171, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.8702, 0.3256, 0.3149 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(250, 219, 233)` looks like.

```
.text, #text, p{  
    color:rgb(250, 219, 233)  
}
```

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(250, 219, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 219, 233) }
```

Border

The CSS property to change the border of an element to Yxy 76.8702, 0.3256, 0.3149 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(250, 219, 233) }
```

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

```
.border{ border-color:rgb(250, 219, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 219, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 219, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 219, 233);  
box-shadow:4px 4px 4px 4px rgb(250, 219,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 76.8702, 0.3256, 0.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 219, 233) }
```

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

```
.background{ background-color: rgb(250,  
219, 233) }
```

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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