

Converting Colors

$Y_{xy}(76.8132, 0.3263, 0.3159)$

Have a look what the booklet for
Yxy(76.8132, 0.3263, 0.3159)
contains.

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Color

Yxy(76.8132, 0.3263, 0.3159)

Conversions

Conversions Part 1

Format	Color
Hex	FADBE8
RGB	250, 219, 232
RGB Percent	98%, 86%, 91%
CMY	0.0193, 0.1413, 0.0901
CMYK	0.00, 0.12, 0.07, 0.02
HSL	335°, 76%, 92%
HSV	335°, 12%, 98%
XYZ	79.3420, 76.8132, 87.0015
YIQ	229.7510, 14.3030, 10.6150

Conversions

Conversions Part 2

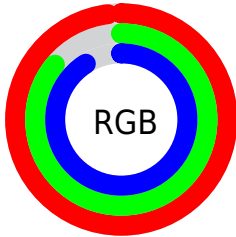
Format	Color
R _Y B	250, 219, 232
Decimal	16440296
CIE Lab	90.24, 12.88, -2.42
CIE LCh	90, 13.102, 349.337
Yxy	76.8132, 0.3263, 0.3159
Android (android.graphics.Color)	4294630376 (0xFFFADBE8)
YUV	229.7510, 1.1088, 17.7584
Hunter-Lab	87.6431, 8.2179, 2.4943

Details

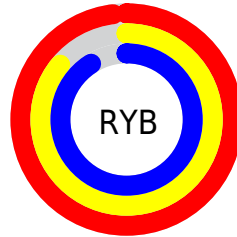
The Yxy color **76.8132, 0.3263, 0.3159** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.5888, 0.3009, 0.3425**, and the grayscale version is **78.9285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.0230, 0.3294, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **63.9441, 0.3399, 0.3047**, and if you desaturate by 10%, it is **91.7172, 0.3151, 0.3265**.

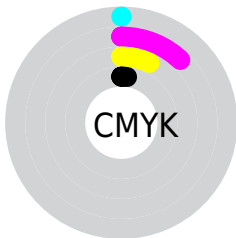
Distribution



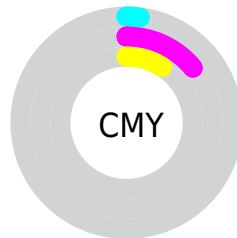
- Red (98%)
- Green (86%)
- Blue (91%)



- 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 76.8132, 0.3263, 0.3159 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 76.8132, 0.3263, 0.3159 by changing the saturation by 10% instead.

 76.8132, 0.3263,
0.3159

 76.8132, 0.3263,
0.3159


484.1269, 0.3201,
0.3219

 57.0996, 0.3277,
0.3146


128.8758, 0.3242,
0.3179

 41.0852, 0.3294,
0.3129


161.9935, 0.3233,
0.3187

 28.3857, 0.3316,
0.3109


200.3480, 0.3226,
0.3194

 18.6166, 0.3344,
0.3082

244.3238, 0.3220,
0.3200

 11.3936, 0.3382,
0.3046

294.3052, 0.3214,
0.3206

 6.3322, 0.3436,
0.2996

350.6765, 0.3209,

 3.0481, 0.3519,

0.3211

0.2919

413.8223, 0.3205,
0.3215

■ 1.1569, 0.3662,
0.2788

■ 0.0261, 0.6022,
0.0463

■ 76.8132, 0.3263,
0.3159

■ 76.8132, 0.3263,
0.3159

■ 63.9441, 0.3399,
0.3047

■ 91.7172, 0.3151,
0.3265

■ 53.0109, 0.3564,
0.2933

■ 99.0772, 0.3097,
0.3290

■ 43.9216, 0.3760,
0.2821

■ 36.5727, 0.3991,
0.2719

■ 30.8504, 0.4254,
0.2639

■ 26.6269, 0.4544,
0.2592

■ 23.7553, 0.4844,
0.2592

■ 22.0581, 0.5137,
0.2646

■ 21.3546, 0.5344,
0.2717

Harmonies

Analogous

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



76.8132, 0.3108, 0.3066



76.8132, 0.3263, 0.3159



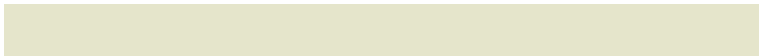
76.8132, 0.3384, 0.3286

Triad

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



76.8132, 0.3263, 0.3159



76.8132, 0.3291, 0.3563



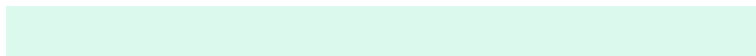
76.8132, 0.2830, 0.3150

Complementary

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



76.8132, 0.3263, 0.3159



89.5888, 0.3009, 0.3425

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.



76.8132, 0.2877, 0.3286



76.8132, 0.3263, 0.3159



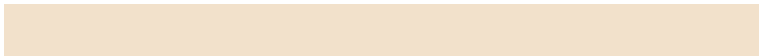
76.8132, 0.3141, 0.3529

Square

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



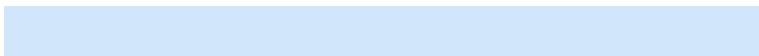
76.8132, 0.3263, 0.3159



76.8132, 0.3399, 0.3520



76.8132, 0.2989, 0.3426



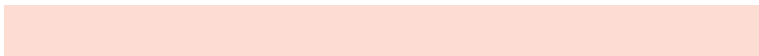
76.8132, 0.2860, 0.3058

Rectangle

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



76.8132, 0.3263, 0.3159



76.8132, 0.3426, 0.3376



76.8132, 0.2989, 0.3426



76.8132, 0.2837, 0.3192

Sweetspot

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



76.8166, 0.3263, 0.3159



93.2883, 0.3167, 0.3249



75.4941, 0.3048, 0.2974



19.7058, 0.3175, 0.3241



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

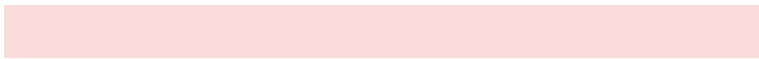
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.8166, 0.3263, 0.3159



76.6282, 0.3296, 0.3131



77.1909, 0.3351, 0.3312



17.3460, 0.3228, 0.3191



11.3470, 0.5302, 0.2694



1.0716, 0.4994, 0.2525

Inverse Universe

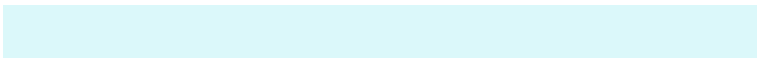
The Inverse Universe completely reimagines the original color for something new.



76.8166, 0.3263, 0.3159



76.6282, 0.3296, 0.3131



89.0975, 0.2936, 0.3268



17.3460, 0.3228, 0.3191



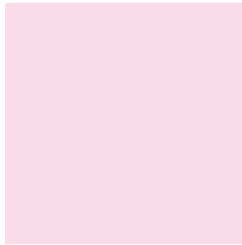
11.3470, 0.5302, 0.2694



1.0716, 0.4994, 0.2525

Previews

White Background



This preview shows how the Yxy color 76.8132, 0.3263, 0.3159 looks on a white background.

Color Contrast Check

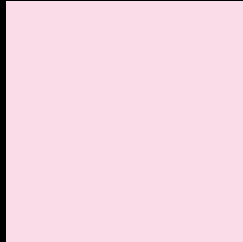
Large Text (above 18pt) WCAG AA × Fail

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 76.8132, 0.3263, 0.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

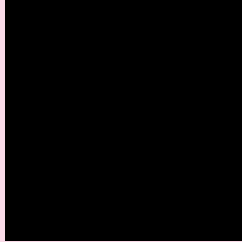
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.8132, 0.3263, 0.3159

Background



This preview shows how black text looks on a background with the Yxy color 76.8132, 0.3263, 0.3159.

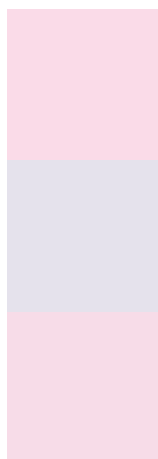


This preview shows how white text looks on a background with the Yxy color 76.8132, 0.3263, 0.3159.

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

76.8132, 0.3263, 0.3159

Protanopia

77.1069, 0.3084, 0.3185

Deuteranopia

76.7868, 0.3240, 0.3169



Tritanopia

76.7082, 0.3243, 0.3110

Trichromacy



Original Color

76.8132, 0.3263, 0.3159

Protanomaly

76.7780, 0.3147, 0.3166

Deuteranomaly

76.9691, 0.3247, 0.3169

Tritanomaly

76.6502, 0.3250, 0.3120

Monochromacy



Original Color

76.8132, 0.3263, 0.3159

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 76.8132, 0.3263, 0.3159 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, 232)` looks like.

```
.text, #text, p{  
    color:rgb(250, 219, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 219, 232) }
```

Border

The CSS property to change the border of an element to Yxy 76.8132, 0.3263, 0.3159 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, 232) }
```

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

```
.border{ border-color:rgb(250, 219, 232) }
```

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, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 219, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 219, 232);  
box-shadow:4px 4px 4px 4px rgb(250, 219,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 76.8132, 0.3263, 0.3159 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, 232) }
```

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

```
.background{ background-color: rgb(250,  
219, 232) }
```

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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