

Converting Colors

$Y_{xy}(78.2273, 0.3281, 0.3143)$

Have a look what the booklet for
Yxy(78.2273, 0.3281, 0.3143)
contains.

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Color

Yxy(78.3869, 0.3284, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	FFDCEA
RGB	255, 220, 234
RGB Percent	100%, 86%, 92%
CMY	0.0000, 0.1373, 0.0822
CMYK	0.00, 0.14, 0.08, 0.00
HSL	336°, 100%, 93%
HSV	336°, 14%, 100%
XYZ	81.6955, 78.3869, 88.6859
YIQ	232.0610, 16.3660, 11.7740

Conversions

Conversions Part 2

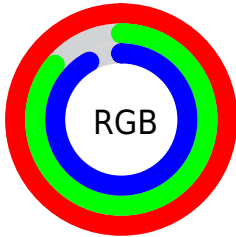
Format	Color
R _Y B	255, 220, 234
Decimal	16768234
CIE Lab	90.96, 14.38, -2.37
CIE LCh	91, 14.574, 350.633
Yxy	78.3869, 0.3284, 0.3151
Android (android.graphics.Color)	4294958314 (0xFFFFDCEA)
YUV	232.0610, 0.9559, 20.1175
Hunter-Lab	88.5364, 9.7693, 2.5853

Details

The Yxy color $78.3869, 0.3284, 0.3151$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $93.0832, 0.2993, 0.3433$, and the grayscale version is $80.7256, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $42.1304, 0.3322, 0.3125$ is the 20% darker color. If you saturate the color by 10%, you get $65.1645, 0.3428, 0.3043$, and if you desaturate by 10%, it is $93.7218, 0.3166, 0.3253$.

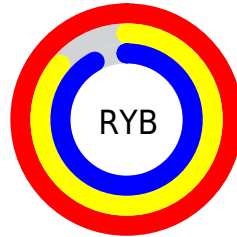
Distribution



Red (100%)

Green (86%)

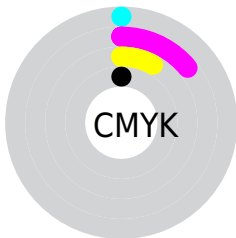
Blue (92%)



Red (100%)

Yellow (86%)

Blue (92%)

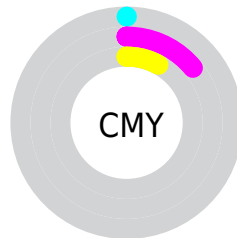


Cyan (0%)

Magenta (14%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (14%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.3869, 0.3284, 0.3151 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 78.3869, 0.3284, 0.3151 by changing the saturation by 10% instead.

 78.3869, 0.3284,
0.3151

 78.3869, 0.3284,
0.3151


489.4798, 0.3213,
0.3214

 58.3919, 0.3300,
0.3137

131.0954, 0.3259,
0.3173

 42.1238, 0.3320,
0.3120

164.5776, 0.3250,
0.3181

 29.1982, 0.3344,
0.3098


203.3244, 0.3242,
0.3188

 19.2308, 0.3376,
0.3070

247.7201, 0.3234,
0.3195

 11.8372, 0.3420,
0.3033

298.1490, 0.3228,
0.3200

 6.6329, 0.3481,
0.2981

354.9957, 0.3222,

 3.2336, 0.3574,

0.3205

0.2901

418.6445, 0.3217,
0.3210

■ 1.2549, 0.3733,
0.2768

■ 0.1059, 0.5386,
0.1262

■ 78.3869, 0.3284,
0.3151

■ 78.3869, 0.3284,
0.3151

■ 65.1645, 0.3428,
0.3043

■ 93.7218, 0.3166,
0.3253

■ 53.9676, 0.3602,
0.2934

100.0000, 0.3127,
0.3290

■ 44.6925, 0.3811,
0.2827

■ 37.2292, 0.4055,
0.2732

■ 31.4563, 0.4334,
0.2660

■ 27.2375, 0.4637,
0.2623

■ 24.4148, 0.4950,
0.2634

■ 22.7961, 0.5249,
0.2699

■ 22.2240, 0.5423,
0.2761

Harmonies

Analogous

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



78.3869, 0.3113, 0.3046



78.3869, 0.3284, 0.3151



78.3869, 0.3415, 0.3292

Triad

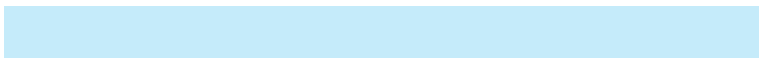
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.3869, 0.3284, 0.3151



78.3869, 0.3302, 0.3592



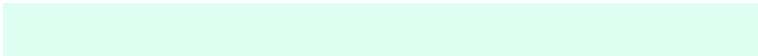
78.3869, 0.2799, 0.3130

Complementary

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



78.3869, 0.3284, 0.3151



93.0832, 0.2993, 0.3433

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.



78.3869, 0.2847, 0.3278



78.3869, 0.3284, 0.3151



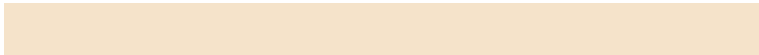
78.3869, 0.3134, 0.3552

Square

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



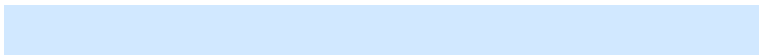
78.3869, 0.3284, 0.3151



78.3869, 0.3424, 0.3548



78.3869, 0.2968, 0.3434



78.3869, 0.2836, 0.3030

Rectangle

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



78.3869, 0.3284, 0.3151



78.3869, 0.3460, 0.3390



78.3869, 0.2968, 0.3434



78.3869, 0.2806, 0.3175

Sweetspot

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



78.3845, 0.3284, 0.3151



93.2765, 0.3168, 0.3251



77.0002, 0.3043, 0.2939



19.7028, 0.3177, 0.3243



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

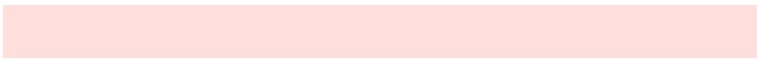
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.3845, 0.3284, 0.3151



75.1990, 0.3314, 0.3127



79.1541, 0.3377, 0.3320



18.1078, 0.3231, 0.3195



11.6401, 0.5380, 0.2738



1.1542, 0.5079, 0.2572

Inverse Universe

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



78.3845, 0.3284, 0.3151



75.1990, 0.3314, 0.3127



92.1072, 0.2916, 0.3260



18.1078, 0.3231, 0.3195



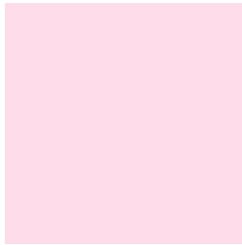
11.6401, 0.5380, 0.2738



1.1542, 0.5079, 0.2572

Previews

White Background



This preview shows how the Yxy color 78.3869, 0.3284, 0.3151 looks on a white background.

Color Contrast Check

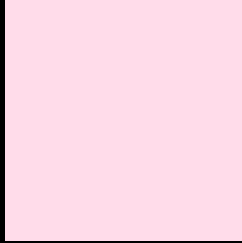
Large Text (above 18pt) WCAG AA × Fail

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 78.3869, 0.3284, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

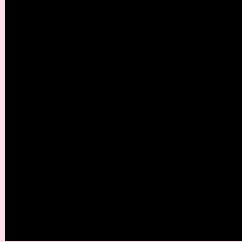
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.3869, 0.3284, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 78.3869, 0.3284, 0.3151.



This preview shows how white text looks on a background with the Yxy color 78.3869, 0.3284, 0.3151.

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

78.3869, 0.3284, 0.3151

Protanopia

78.7077, 0.3078, 0.3176

Deuteranopia

78.3228, 0.3239, 0.3170



Tritanopia

78.5608, 0.3263, 0.3122

Trichromacy



Original Color

78.3869, 0.3284, 0.3151

Protanomaly

78.4901, 0.3154, 0.3168

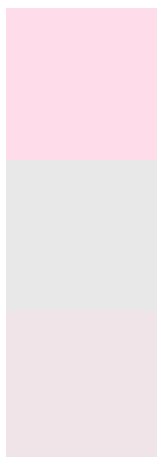
Deuteranomaly

78.1626, 0.3254, 0.3160

Tritanomaly

78.5025, 0.3270, 0.3132

Monochromacy



Original Color

78.3869, 0.3284, 0.3151

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.8953, 0.3178, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.3869, 0.3284, 0.3151 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, 220, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 234)  
}
```

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, 220, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 234) }
```

Border

The CSS property to change the border of an element to Yxy 78.3869, 0.3284, 0.3151 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, 220, 234) }
```

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

```
.border{ border-color:rgb(255, 220, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 78.3869, 0.3284, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 234) }
```

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

```
.background{ background-color: rgb(255,  
220, 234) }
```

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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