

Converting Colors

$Y_{xy}(78.3276, 0.3267, 0.3123)$

Have a look what the booklet for
Yxy(78.3276, 0.3267, 0.3123)
contains.

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Color

Yxy(78.5608, 0.3263, 0.3122)

Conversions

Conversions Part 1

Format	Color
Hex	FFDCED
RGB	255, 220, 237
RGB Percent	100%, 86%, 93%
CMY	0.0002, 0.1372, 0.0705
CMYK	0.00, 0.14, 0.07, 0.00
HSL	331°, 100%, 93%
HSV	331°, 14%, 100%
XYZ	82.1089, 78.5608, 90.9665
YIQ	232.4030, 15.4030, 12.7070

Conversions

Conversions Part 2

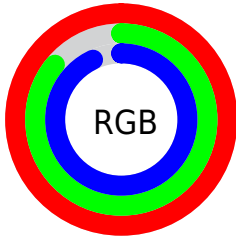
Format	Color
R _Y B	255, 220, 237
Decimal	16768237
CIE Lab	91.04, 14.84, -3.82
CIE LCh	91, 15.324, 345.553
Yxy	78.5608, 0.3263, 0.3122
Android (android.graphics.Color)	4294958317 (0xFFFFDCED)
YUV	232.4030, 2.2663, 19.8176
Hunter-Lab	88.6345, 10.2476, 1.1943

Details

The Yxy color **78.5608, 0.3263, 0.3122** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.8829, 0.3010, 0.3464**, and the grayscale version is **80.9874, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.2522, 0.3295, 0.3088** is the 20% darker color. If you saturate the color by 10%, you get **65.4469, 0.3387, 0.2992**, and if you desaturate by 10%, it is **93.7784, 0.3160, 0.3246**.

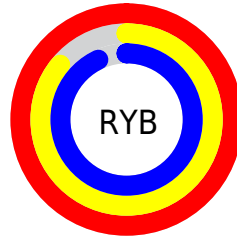
Distribution



Red (100%)

Green (86%)

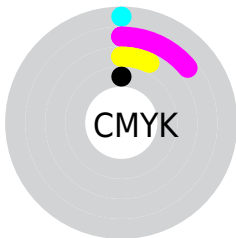
Blue (93%)



Red (100%)

Yellow (86%)

Blue (93%)

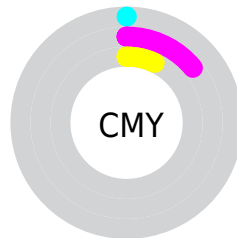


Cyan (0%)

Magenta (14%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (14%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.5608, 0.3263, 0.3122 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 78.5608, 0.3263, 0.3122 by changing the saturation by 10% instead.

 78.5608, 0.3263,
0.3122

 78.5608, 0.3263,
0.3122


490.0693, 0.3202,
0.3198

 58.5348, 0.3277,
0.3105


131.3404, 0.3242,
0.3148

 42.2387, 0.3294,
0.3085


164.8627, 0.3234,
0.3158

 29.2883, 0.3315,
0.3059


203.6526, 0.3226,
0.3167

 19.2990, 0.3342,
0.3026

248.0945, 0.3220,
0.3175

 11.8865, 0.3379,
0.2982

298.5727, 0.3215,
0.3181

 6.6665, 0.3430,
0.2920

355.4716, 0.3210,

 3.2544, 0.3508,

0.3187

0.2827

419.1757, 0.3205,
0.3193

■ 1.2659, 0.3640,
0.2673

■ 0.1146, 0.4818,
0.1172

■ 78.5608, 0.3263,
0.3122

■ 78.5608, 0.3263,
0.3122

■ 65.4469, 0.3387,
0.2992

■ 93.7784, 0.3160,
0.3246

■ 54.3330, 0.3535,
0.2860

99.9920, 0.3127,
0.3290

■ 45.1221, 0.3711,
0.2732

■ 37.7050, 0.3915,
0.2616

■ 31.9614, 0.4145,
0.2523

■ 27.7558, 0.4395,
0.2467

■ 24.9314, 0.4654,
0.2460

■ 23.2972, 0.4907,
0.2508

■ 22.7076, 0.5060,
0.2561

Harmonies

Analogous

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



78.5608, 0.3081, 0.3021



78.5608, 0.3263, 0.3122



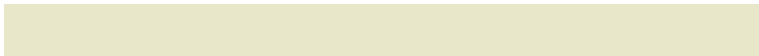
78.5608, 0.3411, 0.3265

Triad

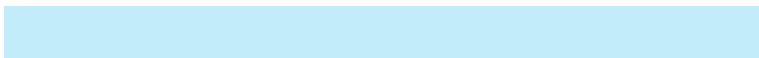
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.5608, 0.3263, 0.3122



78.5608, 0.3337, 0.3606



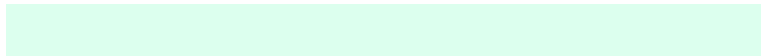
78.5608, 0.2785, 0.3145

Complementary

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



78.5608, 0.3263, 0.3122



92.8829, 0.3010, 0.3464

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.



78.5608, 0.2850, 0.3305



78.5608, 0.3263, 0.3122



78.5608, 0.3165, 0.3579

Square

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



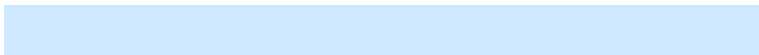
78.5608, 0.3263, 0.3122



78.5608, 0.3454, 0.3545



78.5608, 0.2988, 0.3467



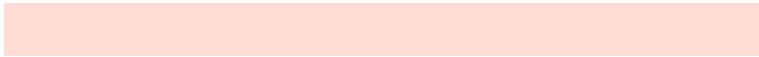
78.5608, 0.2809, 0.3030

Rectangle

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



78.5608, 0.3263, 0.3122



78.5608, 0.3469, 0.3369



78.5608, 0.2988, 0.3467



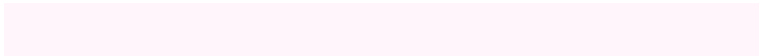
78.5608, 0.2797, 0.3195

Sweetspot

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



78.5643, 0.3263, 0.3122



93.3310, 0.3163, 0.3242



76.5031, 0.3023, 0.2938



19.7166, 0.3170, 0.3233



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

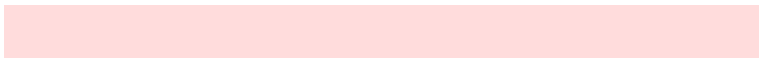
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.5643, 0.3263, 0.3122



75.3975, 0.3289, 0.3093



77.6174, 0.3381, 0.3291



18.1343, 0.3218, 0.3175



11.8996, 0.5022, 0.2540



1.1806, 0.4760, 0.2396

Inverse Universe

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



78.5643, 0.3263, 0.3122



75.3975, 0.3289, 0.3093



93.9292, 0.2918, 0.3289



18.1343, 0.3218, 0.3175



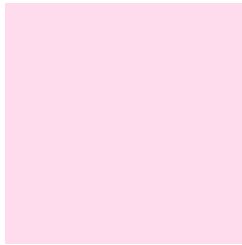
11.8996, 0.5022, 0.2540



1.1806, 0.4760, 0.2396

Previews

White Background



This preview shows how the Yxy color 78.5608, 0.3263, 0.3122 looks on a white background.

Color Contrast Check

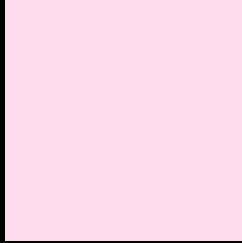
Large Text (above 18pt) WCAG AA × Fail

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 78.5608, 0.3263, 0.3122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

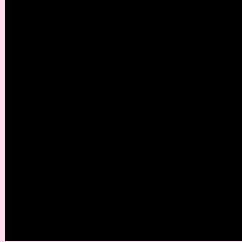
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.5608, 0.3263, 0.3122

Background



This preview shows how black text looks on a background with the Yxy color 78.5608, 0.3263, 0.3122.



This preview shows how white text looks on a background with the Yxy color 78.5608, 0.3263, 0.3122.

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

78.5608, 0.3263, 0.3122

Protanopia

78.7206, 0.3053, 0.3145

Deuteranopia

78.3134, 0.3212, 0.3139



Tritanopia

78.5608, 0.3263, 0.3122

Trichromacy



Original Color

78.5608, 0.3263, 0.3122

Protanomaly

78.4924, 0.3127, 0.3137

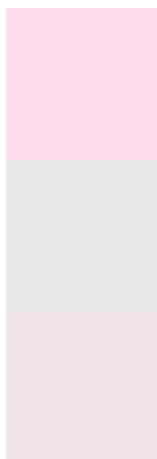
Deuteranomaly

78.3366, 0.3234, 0.3130

Tritanomaly

78.5608, 0.3263, 0.3122

Monochromacy



Original Color

78.5608, 0.3263, 0.3122

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.9526, 0.3171, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.5608, 0.3263, 0.3122 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 237) }
```

Border

The CSS property to change the border of an element to Yxy 78.5608, 0.3263, 0.3122 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, 237) }
```

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

```
.border{ border-color:rgb(255, 220, 237) }
```

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, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 78.5608, 0.3263, 0.3122 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, 237) }
```

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

```
.background{ background-color: rgb(255,  
220, 237) }
```

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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