

Converting Colors

$Y_{xy}(79.1835, 0.3339, 0.3259)$

Have a look what the booklet for
Yxy(79.1835, 0.3339, 0.3259)
contains.

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Color

Yxy(78.9935, 0.3337, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	FFDEE2
RGB	255, 222, 226
RGB Percent	100%, 87%, 89%
CMY	0.0000, 0.1294, 0.1138
CMYK	0.00, 0.13, 0.11, 0.00
HSL	353°, 100%, 94%
HSV	353°, 13%, 100%
XYZ	81.0831, 78.9935, 82.9055
YIQ	232.3230, 18.3840, 8.2400

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 222, 226
Decimal	16768738
CIE _{Lab}	91.23, 12.00, 2.25
CIE _{LCh}	91, 12.212, 10.627
Yxy	78.9935, 0.3337, 0.3251
Android (android.graphics.Color)	4294958818 (0xFFFFDDEE2)
YUV	232.3230, -3.1172, 19.8877
Hunter-Lab	88.8783, 7.3075, 6.9092

Details

The Yxy color **78.9935, 0.3337, 0.3251** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94.0131, 0.2950, 0.3330**, and the grayscale version is **80.9646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.5835, 0.3382, 0.3240** is the 20% darker color. If you saturate the color by 10%, you get **65.3076, 0.3546, 0.3219**, and if you desaturate by 10%, it is **94.8959, 0.3170, 0.3282**.

Distribution



Red (100%)

Green (87%)

Blue (89%)



Red (100%)

Yellow (87%)

Blue (89%)



Cyan (0%)

Magenta (13%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.9935, 0.3337, 0.3251 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 78.9935, 0.3337, 0.3251 by changing the saturation by 10% instead.


 78.9935, 0.3337,
0.3251

 78.9935, 0.3337,
0.3251


491.5344, 0.3241,
0.3269

 58.8905, 0.3359,
0.3247


131.9497, 0.3304,
0.3257

 42.5250, 0.3385,
0.3241


165.5717, 0.3291,
0.3260

 29.5126, 0.3419,
0.3235


204.4687, 0.3280,
0.3262

 19.4689, 0.3463,
0.3226

249.0253, 0.3270,
0.3264

 12.0096, 0.3522,
0.3213

299.6257, 0.3261,
0.3266

 6.7502, 0.3606,
0.3195

356.6545, 0.3254,

 3.3064, 0.3736,

0.3267

0.3166

420.4959, 0.3247,
0.3268

■ 1.2937, 0.3962,
0.3113

■ 0.1363, 0.7561,
0.2439

■ 78.9935, 0.3337,
0.3251

■ 78.9935, 0.3337,
0.3251

■ 65.3076, 0.3546,
0.3219

■ 94.8959, 0.3170,
0.3282

■ 53.7299, 0.3804,
0.3186

99.9984, 0.3127,
0.3290

■ 44.1585, 0.4120,
0.3155

■ 36.4792, 0.4497,
0.3130

■ 30.5662, 0.4925,
0.3116

■ 26.2783, 0.5376,
0.3120

■ 23.4528, 0.5797,
0.3147

■ 21.8928, 0.6125,
0.3196

■ 21.3554, 0.6281,
0.3234

Harmonies

Analogous

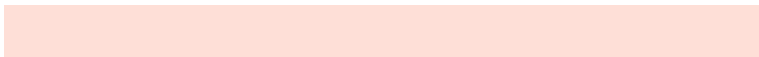
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9935, 0.3213, 0.3139



78.9935, 0.3337, 0.3251



78.9935, 0.3405, 0.3375

Triad

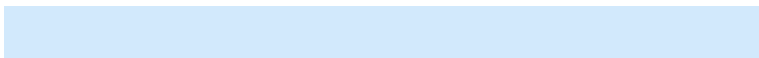
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.9935, 0.3337, 0.3251



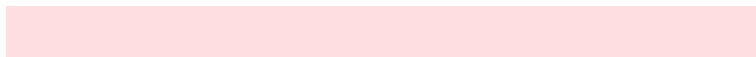
78.9935, 0.3182, 0.3527



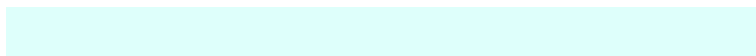
78.9935, 0.2865, 0.3095

Complementary

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



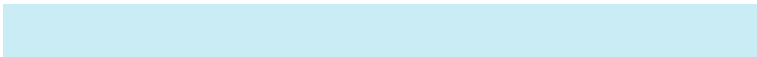
78.9935, 0.3337, 0.3251



94.0131, 0.2950, 0.3330

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.



78.9935, 0.2858, 0.3195



78.9935, 0.3337, 0.3251



78.9935, 0.3038, 0.3448

Square

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



78.9935, 0.3337, 0.3251



78.9935, 0.3313, 0.3537



78.9935, 0.2921, 0.3325



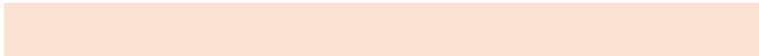
78.9935, 0.2941, 0.3049

Rectangle

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



78.9935, 0.3337, 0.3251



78.9935, 0.3407, 0.3449



78.9935, 0.2921, 0.3325



78.9935, 0.2855, 0.3123

Sweetspot

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



78.9970, 0.3337, 0.3251



93.0992, 0.3186, 0.3278



79.9025, 0.3112, 0.2967



19.6581, 0.3197, 0.3276



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

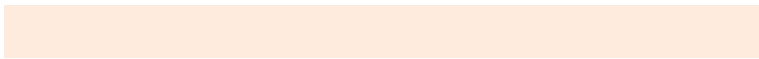
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.9970, 0.3337, 0.3251



74.5743, 0.3396, 0.3241



85.4382, 0.3348, 0.3411



18.0226, 0.3275, 0.3262



11.1706, 0.6255, 0.3220



1.0984, 0.6015, 0.3087

Inverse Universe

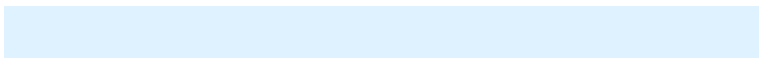
The Inverse Universe completely reimagines the original color for something new.



78.9970, 0.3337, 0.3251



74.5743, 0.3396, 0.3241



86.7918, 0.2926, 0.3166



18.0226, 0.3275, 0.3262



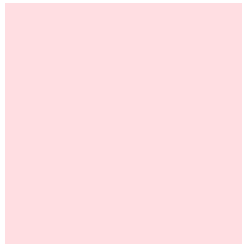
11.1706, 0.6255, 0.3220



1.0984, 0.6015, 0.3087

Previews

White Background



This preview shows how the Yxy color 78.9935, 0.3337, 0.3251 looks on a white background.

Color Contrast Check

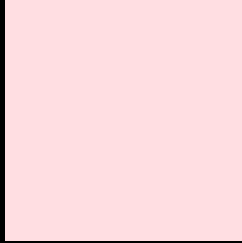
Large Text (above 18pt) WCAG AA × Fail

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 78.9935, 0.3337, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

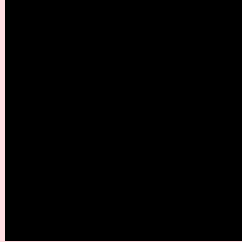
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.9935, 0.3337, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 78.9935, 0.3337, 0.3251.

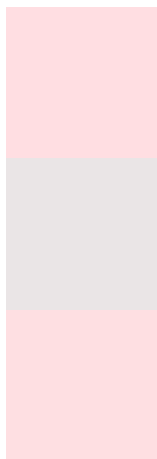


This preview shows how white text looks on a background with the Yxy color 78.9935, 0.3337, 0.3251.

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

78.9935, 0.3337, 0.3251

Protanopia

79.2442, 0.3155, 0.3280

Deuteranopia

79.3372, 0.3328, 0.3261



Tritanopia

79.0873, 0.3262, 0.3132

Trichromacy



Original Color

78.9935, 0.3337, 0.3251

Protanomaly

78.9271, 0.3220, 0.3260

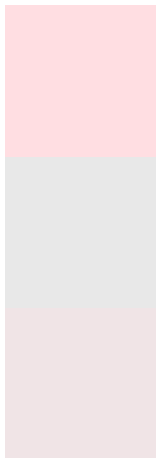
Deuteranomaly

79.3372, 0.3328, 0.3261

Tritanomaly

78.8561, 0.3290, 0.3171

Monochromacy



Original Color

78.9935, 0.3337, 0.3251

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.7252, 0.3197, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.9935, 0.3337, 0.3251 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, 222, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 226)  
}
```

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, 222, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 226) }
```

Border

The CSS property to change the border of an element to Yxy 78.9935, 0.3337, 0.3251 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, 222, 226) }
```

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

```
.border{ border-color:rgb(255, 222, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 78.9935, 0.3337, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 226) }
```

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

```
.background{ background-color: rgb(255,  
222, 226) }
```

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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