

Converting Colors

$Y_{xy}(79.0339, 0.3227, 0.3149)$

Have a look what the booklet for
Yxy(79.0339, 0.3227, 0.3149)
contains.

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Color

Yxy(79.2138, 0.3225, 0.3150)

Conversions

Conversions Part 1

Format	Color
Hex	FADFED
RGB	250, 223, 237
RGB Percent	98%, 87%, 93%
CMY	0.0196, 0.1255, 0.0705
CMYK	0.00, 0.11, 0.05, 0.02
HSL	329°, 73%, 93%
HSV	329°, 11%, 98%
XYZ	81.0998, 79.2138, 91.1587
YIQ	232.6690, 11.5980, 10.0780

Conversions

Conversions Part 2

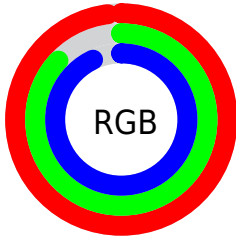
Format	Color
R _Y B	250, 223, 237
Decimal	16441325
CIE Lab	91.33, 11.61, -3.45
CIE LCh	91, 12.106, 343.463
Yxy	79.2138, 0.3225, 0.3150
Android (android.graphics.Color)	4294631405 (0xFFFA _D FED)
YUV	232.6690, 2.1352, 15.1993
Hunter-Lab	89.0021, 6.8977, 1.5748

Details

The Yxy color **79.2138, 0.3225, 0.3150** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.1111, 0.3040, 0.3434**, and the grayscale version is **81.2037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.6789, 0.3245, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **66.1512, 0.3335, 0.3013**, and if you desaturate by 10%, it is **94.3025, 0.3134, 0.3280**.

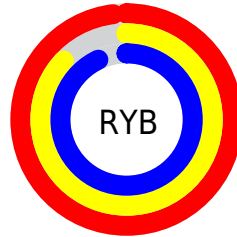
Distribution



Red (98%)

Green (87%)

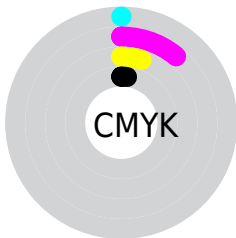
Blue (93%)



Red (98%)

Yellow (87%)

Blue (93%)

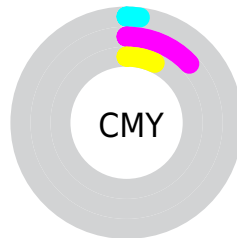


Cyan (0%)

Magenta (11%)

Yellow (5%)

Black (2%)



Cyan (2%)


Magenta (13%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.2138, 0.3225, 0.3150 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 79.2138, 0.3225, 0.3150 by changing the saturation by 10% instead.


 79.2138, 0.3225,
0.3150

 79.2138, 0.3225,
0.3150


492.2793, 0.3181,
0.3213

 59.0716, 0.3235,
0.3136


132.2598, 0.3210,
0.3172

 42.6708, 0.3247,
0.3119


165.9324, 0.3204,
0.3180

 29.6269, 0.3262,
0.3097


204.8839, 0.3199,
0.3187

 19.5556, 0.3282,
0.3070

249.4988, 0.3194,
0.3194

 12.0724, 0.3308,
0.3033

300.1614, 0.3190,
0.3200

 6.7930, 0.3345,
0.2981

357.2560, 0.3187,

 3.3330, 0.3400,

0.3205

0.2903

421.1672, 0.3184,
0.3209

■ 1.3079, 0.3495,
0.2774

■ 0.1473, 0.4355,
0.1516

■ 79.2138, 0.3225,
0.3150

■ 79.2138, 0.3225,
0.3150

■ 66.1512, 0.3335,
0.3013

■ 94.3025, 0.3134,
0.3280

■ 55.0173, 0.3467,
0.2873

■ 99.0631, 0.3096,
0.3290

■ 45.7223, 0.3622,
0.2735

■ 38.1648, 0.3803,
0.2606

■ 32.2338, 0.4008,
0.2498

■ 27.8052, 0.4233,
0.2422

■ 24.7368, 0.4469,
0.2392

■ 22.8584, 0.4705,
0.2415

■ 21.9325, 0.4914,
0.2481

Harmonies

Analogous

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



79.2138, 0.3081, 0.3073



79.2138, 0.3225, 0.3150



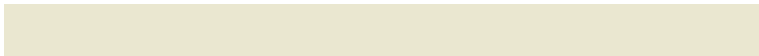
79.2138, 0.3344, 0.3263

Triad

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



79.2138, 0.3225, 0.3150



79.2138, 0.3301, 0.3537



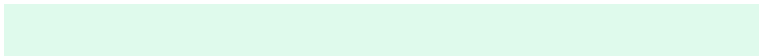
79.2138, 0.2858, 0.3185

Complementary

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



79.2138, 0.3225, 0.3150



90.1111, 0.3040, 0.3434

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.



79.2138, 0.2914, 0.3312



79.2138, 0.3225, 0.3150



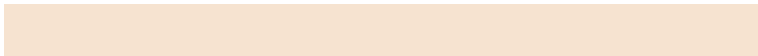
79.2138, 0.3168, 0.3520

Square

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



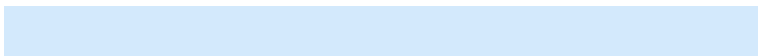
79.2138, 0.3225, 0.3150



79.2138, 0.3388, 0.3486



79.2138, 0.3027, 0.3437



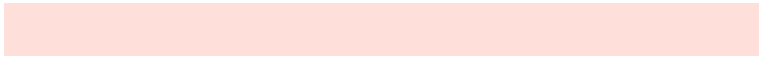
79.2138, 0.2872, 0.3090

Rectangle

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



79.2138, 0.3225, 0.3150



79.2138, 0.3392, 0.3345



79.2138, 0.3027, 0.3437



79.2138, 0.2869, 0.3225

Sweetspot

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



79.2173, 0.3225, 0.3150



94.9814, 0.3152, 0.3252



77.4443, 0.3041, 0.3016



20.0500, 0.3159, 0.3242



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

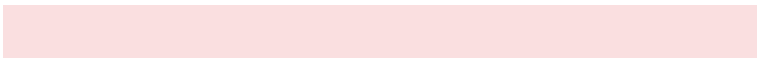
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2173, 0.3225, 0.3150



79.6595, 0.3248, 0.3120



78.4777, 0.3314, 0.3281



17.3759, 0.3212, 0.3167



11.6635, 0.4879, 0.2461



1.1017, 0.4625, 0.2321

Inverse Universe

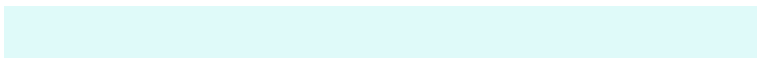
The Inverse Universe completely reimagines the original color for something new.



79.2173, 0.3225, 0.3150



79.6595, 0.3248, 0.3120



90.9023, 0.2966, 0.3299



17.3759, 0.3212, 0.3167



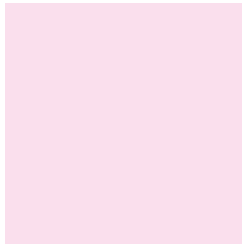
11.6635, 0.4879, 0.2461



1.1017, 0.4625, 0.2321

Previews

White Background



This preview shows how the Yxy color 79.2138, 0.3225, 0.3150 looks on a white background.

Color Contrast Check

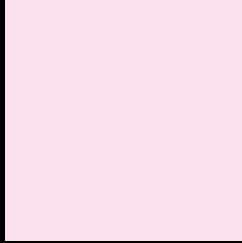
Large Text (above 18pt) WCAG AA × Fail

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 79.2138, 0.3225, 0.3150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

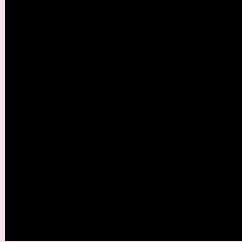
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.2138, 0.3225, 0.3150

Background



This preview shows how black text looks on a background with the Yxy color 79.2138, 0.3225, 0.3150.

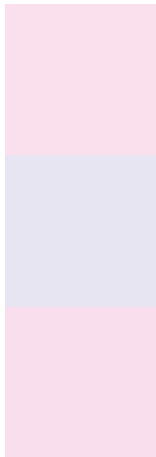


This preview shows how white text looks on a background with the Yxy color 79.2138, 0.3225, 0.3150.

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

79.2138, 0.3225, 0.3150

Protanopia

79.3784, 0.3065, 0.3166

Deuteranopia

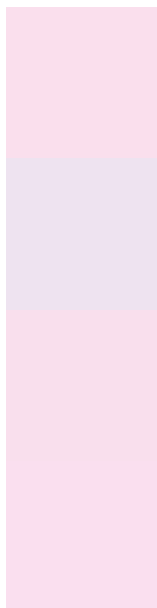
79.0295, 0.3218, 0.3150



Tritanopia

79.3906, 0.3205, 0.3121

Trichromacy



Original Color

79.2138, 0.3225, 0.3150

Protanomaly

79.4066, 0.3120, 0.3157

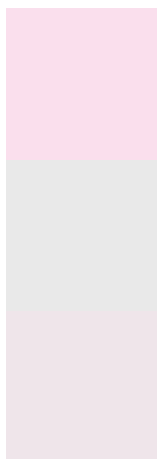
Deuteranomaly

79.0295, 0.3218, 0.3150

Tritanomaly

79.3313, 0.3212, 0.3131

Monochromacy



Original Color

79.2138, 0.3225, 0.3150

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.3299, 0.3164, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2138, 0.3225, 0.3150 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, 223, 237)` looks like.

```
.text, #text, p{  
    color:rgb(250, 223, 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(250, 223, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 223, 237) }
```

Border

The CSS property to change the border of an element to Yxy 79.2138, 0.3225, 0.3150 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, 223, 237) }
```

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

```
.border{ border-color:rgb(250, 223, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 223, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 223, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 223, 237);  
box-shadow:4px 4px 4px 4px rgb(250, 223,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2138, 0.3225, 0.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 223, 237) }
```

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

```
.background{ background-color: rgb(250,  
223, 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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