

Converting Colors

$Yxy(78.9857, 0.3342, 0.3291)$

Have a look what the booklet for
Yxy(78.9857, 0.3342, 0.3291)
contains.

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Color

Yxy(78.9857, 0.3342, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	FDDDFD
RGB	253, 223, 223
RGB Percent	99%, 87%, 87%
CMY	0.0079, 0.1254, 0.1256
CMYK	0.00, 0.12, 0.12, 0.01
HSL	0°, 88%, 93%
HSV	0°, 12%, 99%
XYZ	80.2097, 78.9857, 80.8097
YIQ	231.9700, 17.8800, 6.3600

Conversions

Conversions Part 2

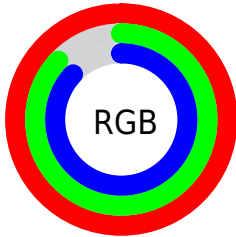
Format	Color
R _Y B	253, 223, 223
Decimal	16637919
CIE Lab	91.23, 10.31, 3.80
CIE LCh	91, 10.986, 20.225
Yxy	78.9857, 0.3342, 0.3291
Android (android.graphics.Color)	4294827999 (0xFFFD DFD F)
YUV	231.9700, -4.4222, 18.4433
Hunter-Lab	88.8739, 5.5690, 8.3015

Details

The Yxy color $78.9857, 0.3342, 0.3291$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $92.9966, 0.2945, 0.3289$, and the grayscale version is $80.6967, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $42.5682, 0.3389, 0.3291$ is the 20% darker color. If you saturate the color by 10%, you get $65.2154, 0.3574, 0.3292$, and if you desaturate by 10%, it is $94.9814, 0.3157, 0.3290$.

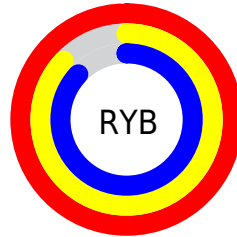
Distribution



Red (99%)

Green (87%)

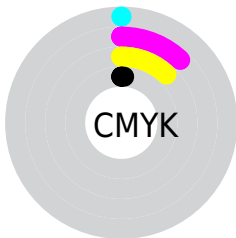
Blue (87%)



Red (99%)

Yellow (87%)

Blue (87%)

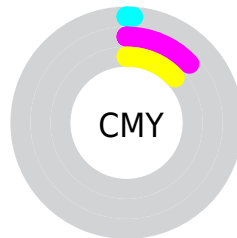


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (1%)



Cyan (1%)


Magenta (13%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.9857, 0.3342, 0.3291 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 78.9857, 0.3342, 0.3291 by changing the saturation by 10% instead.


 78.9857, 0.3342,
0.3291

 78.9857, 0.3342,
0.3291


491.5080, 0.3244,
0.3291

 58.8841, 0.3364,
0.3291


131.9387, 0.3308,
0.3291

 42.5198, 0.3392,
0.3290

165.5589, 0.3295,
0.3291

 29.5085, 0.3426,
0.3290


204.4540, 0.3283,
0.3291

 19.4658, 0.3471,
0.3289

249.0085, 0.3273,
0.3291

 12.0074, 0.3532,
0.3287

299.6068, 0.3265,
0.3291

 6.7487, 0.3619,
0.3283

356.6332, 0.3257,

 3.3054, 0.3753,

0.3291

0.3276

420.4721, 0.3250,
0.3291

■ 1.2932, 0.3987,
0.3258

■ 0.1359, 0.7370,
0.2630

■ 78.9857, 0.3342,
0.3291

■ 78.9857, 0.3342,
0.3291

■ 65.2154, 0.3574,
0.3292

■ 94.9814, 0.3157,
0.3290

■ 53.5621, 0.3863,
0.3293

99.6214, 0.3115,
0.3290

■ 43.9240, 0.4219,
0.3295

■ 36.1869, 0.4642,
0.3296

■ 30.2251, 0.5115,
0.3298

■ 25.8979, 0.5596,
0.3299

■ 23.0432, 0.6012,
0.3300

■ 21.4659, 0.6288,
0.3300

■ 20.8885, 0.6400,
0.3300

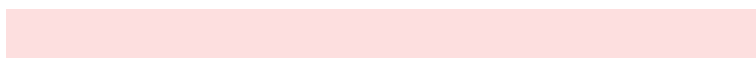
Harmonies

Analogous

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



78.9857, 0.3244, 0.3184



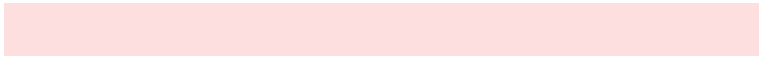
78.9857, 0.3342, 0.3291



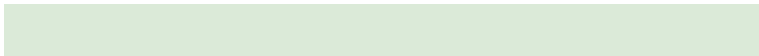
78.9857, 0.3382, 0.3400

Triad

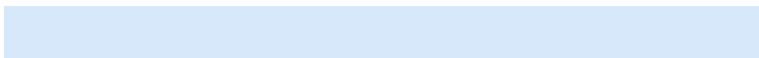
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.9857, 0.3342, 0.3291



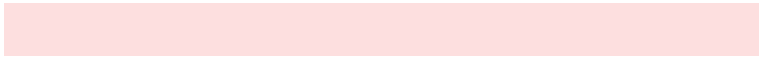
78.9857, 0.3135, 0.3486



78.9857, 0.2907, 0.3095

Complementary

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



78.9857, 0.3342, 0.3291



92.9966, 0.2945, 0.3289

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.



78.9857, 0.2879, 0.3172



78.9857, 0.3342, 0.3291



78.9857, 0.3010, 0.3400

Square

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



78.9857, 0.3342, 0.3291



78.9857, 0.3260, 0.3516



78.9857, 0.2917, 0.3283



78.9857, 0.2992, 0.3072

Rectangle

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



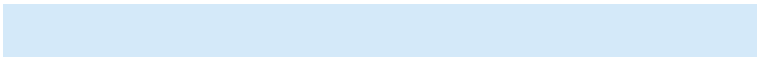
78.9857, 0.3342, 0.3291



78.9857, 0.3369, 0.3460



78.9857, 0.2917, 0.3283



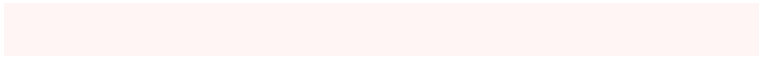
78.9857, 0.2890, 0.3116

Sweetspot

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



78.9892, 0.3342, 0.3291



93.0323, 0.3193, 0.3290



80.7335, 0.3141, 0.2997



19.6412, 0.3206, 0.3290



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

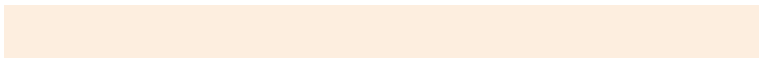
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.9892, 0.3342, 0.3291



77.2344, 0.3387, 0.3291



87.3467, 0.3323, 0.3440



17.9909, 0.3295, 0.3291



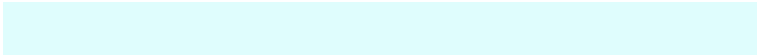
11.1142, 0.6400, 0.3300



1.0834, 0.6398, 0.3302

Inverse Universe

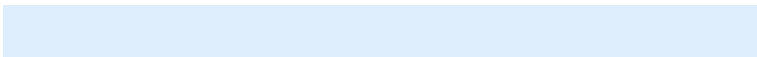
The Inverse Universe completely reimagines the original color for something new.



92.9966, 0.2945, 0.3289



93.8169, 0.2913, 0.3289



83.9141, 0.2942, 0.3136



20.4772, 0.2980, 0.3289



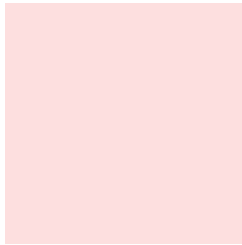
41.0343, 0.2245, 0.3283



3.9966, 0.2246, 0.3284

Previews

White Background



This preview shows how the Yxy color 78.9857, 0.3342, 0.3291 looks on a white background.

Color Contrast Check

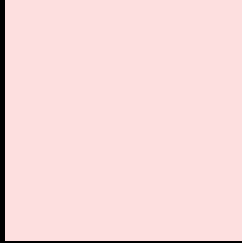
Large Text (above 18pt) WCAG AA × Fail

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 78.9857, 0.3342, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

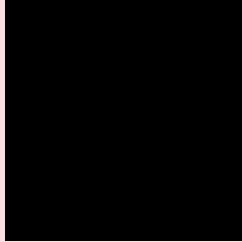
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

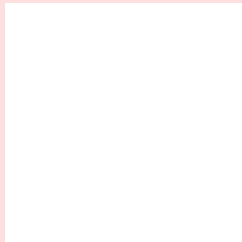
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.9857, 0.3342, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 78.9857, 0.3342, 0.3291.

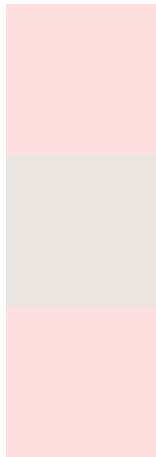


This preview shows how white text looks on a background with the Yxy color 78.9857, 0.3342, 0.3291.

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

78.9857, 0.3342, 0.3291

Protanopia

79.1918, 0.3188, 0.3321

Deuteranopia

78.8303, 0.3358, 0.3281



Tritanopia

79.1459, 0.3256, 0.3122

Trichromacy



Original Color

78.9857, 0.3342, 0.3291

Protanomaly

79.2517, 0.3245, 0.3311

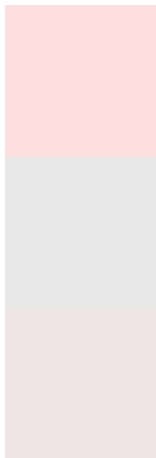
Deuteranomaly

78.6411, 0.3350, 0.3281

Tritanomaly

79.1966, 0.3282, 0.3181

Monochromacy



Original Color

78.9857, 0.3342, 0.3291

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.2210, 0.3203, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.9857, 0.3342, 0.3291 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(253, 223, 223)` looks like.

```
.text, #text, p{  
    color:rgb(253, 223, 223)  
}
```

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(253, 223, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 223, 223) }
```

Border

The CSS property to change the border of an element to Yxy 78.9857, 0.3342, 0.3291 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(253, 223, 223) }
```

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

```
.border{ border-color:rgb(253, 223, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 223, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 223, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 223, 223);  
box-shadow:4px 4px 4px 4px rgb(253, 223,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 78.9857, 0.3342, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 223, 223) }
```

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

```
.background{ background-color: rgb(253,  
223, 223) }
```

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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