

Converting Colors

$Yxy(78.5853, 0.3362, 0.3331)$

Have a look what the booklet for
Yxy(78.5853, 0.3362, 0.3331)
contains.

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Color

Yxy(78.5853, 0.3362, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	FCDFDB
RGB	252, 223, 219
RGB Percent	99%, 87%, 86%
CMY	0.0118, 0.1255, 0.1411
CMYK	0.00, 0.11, 0.13, 0.01
HSL	7°, 85%, 92%
HSV	7°, 13%, 99%
XYZ	79.3167, 78.5853, 78.0191
YIQ	231.2150, 18.5680, 4.9040

Conversions

Conversions Part 2

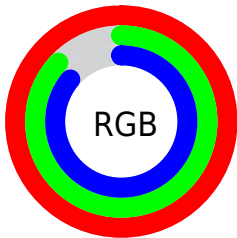
Format	Color
R _Y B	252, 224, 219
Decimal	16572379
CIE Lab	91.05, 9.33, 5.59
CIE LCh	91, 10.879, 30.944
Yxy	78.5853, 0.3362, 0.3331
Android (android.graphics.Color)	4294762459 (0xFFFCDFDB)
YUV	231.2150, -6.0220, 18.2284
Hunter-Lab	88.6484, 4.5753, 9.8729

Details

The Yxy color **78.5853, 0.3362, 0.3331** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.2235, 0.2926, 0.3249**, and the grayscale version is **80.1168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.2877, 0.3416, 0.3343** is the 20% darker color. If you saturate the color by 10%, you get **66.2879, 0.3589, 0.3365**, and if you desaturate by 10%, it is **92.6388, 0.3177, 0.3299**.

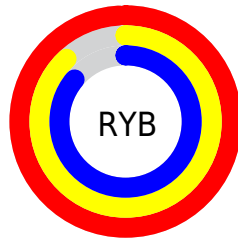
Distribution



Red (99%)

Green (87%)

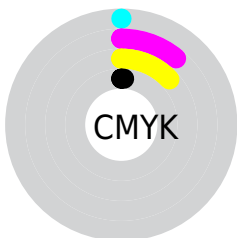
Blue (86%)



Red (99%)

Yellow (88%)

Blue (86%)

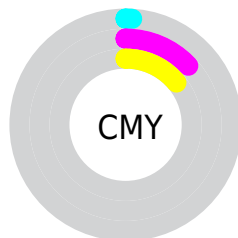


Cyan (0%)

Magenta (11%)

Yellow (13%)

Black (1%)



Cyan (1%)


Magenta (13%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.5853, 0.3362, 0.3331 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 78.5853, 0.3362, 0.3331 by changing the saturation by 10% instead.


 78.5853, 0.3362,
0.3331

 78.5853, 0.3362,
0.3331


490.1523, 0.3254,
0.3313

 58.5549, 0.3386,
0.3335

131.3749, 0.3325,
0.3325

 42.2549, 0.3417,
0.3339


164.9029, 0.3310,
0.3323

 29.3010, 0.3455,
0.3345


203.6988, 0.3298,
0.3321

 19.3086, 0.3504,
0.3351

248.1472, 0.3287,
0.3319

 11.8935, 0.3571,
0.3360

298.6323, 0.3277,
0.3317

 6.6712, 0.3667,
0.3371

355.5386, 0.3269,

 3.2573, 0.3815,

0.3316

419.2505, 0.3261,
0.3315

0.3385

1.2675, 0.4074,
0.3402

0.1158, 0.7447,
0.2553

78.5853, 0.3362,
0.3331

78.5853, 0.3362,
0.3331

66.2879, 0.3589,
0.3365

92.6388, 0.3177,
0.3299

55.6675, 0.3867,
0.3399

99.4328, 0.3109,
0.3290

46.6545, 0.4202,
0.3433

39.1704, 0.4594,
0.3460

■ 33.1299, 0.5030,
0.3476

■ 28.4394, 0.5479,
0.3475

■ 24.9943, 0.5884,
0.3450

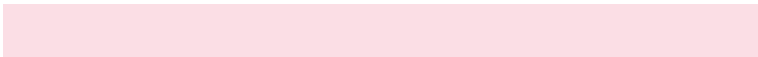
■ 22.6741, 0.6185,
0.3402

■ 21.6463, 0.6317,
0.3366

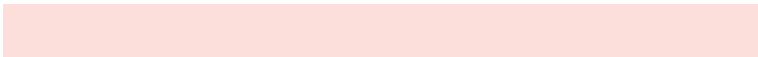
Harmonies

Analogous

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



78.5853, 0.3283, 0.3221



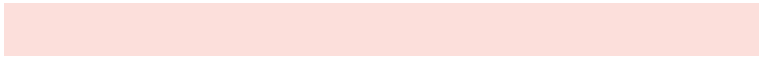
78.5853, 0.3362, 0.3331



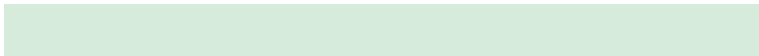
78.5853, 0.3377, 0.3433

Triad

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



78.5853, 0.3362, 0.3331



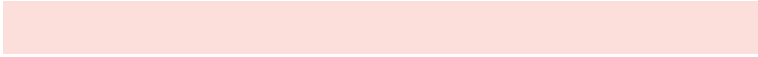
78.5853, 0.3089, 0.3459



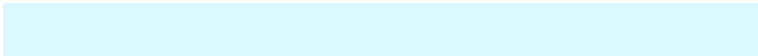
78.5853, 0.2933, 0.3082

Complementary

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



78.5853, 0.3362, 0.3331



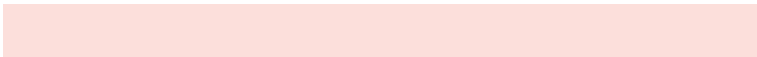
89.2235, 0.2926, 0.3249

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.



78.5853, 0.2884, 0.3141



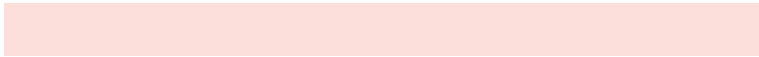
78.5853, 0.3362, 0.3331



78.5853, 0.2972, 0.3359

Square

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



78.5853, 0.3362, 0.3331



78.5853, 0.3217, 0.3511



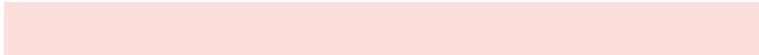
78.5853, 0.2898, 0.3242



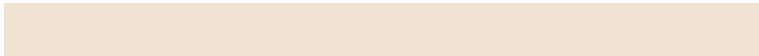
78.5853, 0.3034, 0.3079

Rectangle

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



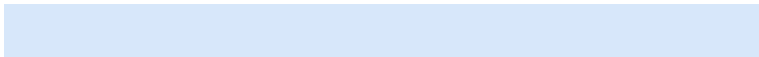
78.5853, 0.3362, 0.3331



78.5853, 0.3348, 0.3484



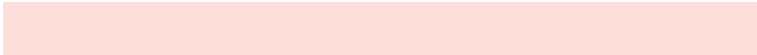
78.5853, 0.2898, 0.3242



78.5853, 0.2910, 0.3096

Sweetspot

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



78.5888, 0.3362, 0.3331



93.7727, 0.3192, 0.3302



78.1526, 0.3168, 0.3003



19.8277, 0.3205, 0.3304



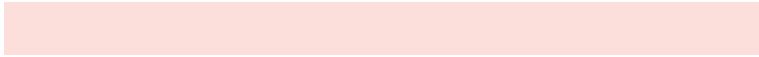
0.0000, 0.0000, 0.0000



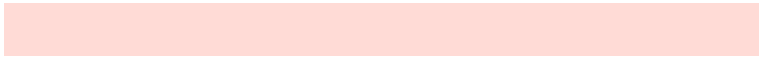
21.4041, 0.3127, 0.3290

Same Dimension

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



78.5888, 0.3362, 0.3331



76.8598, 0.3424, 0.3341



87.7459, 0.3340, 0.3493



17.5634, 0.3291, 0.3319



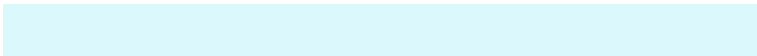
11.3867, 0.6299, 0.3381



1.1592, 0.6124, 0.3519

Inverse Universe

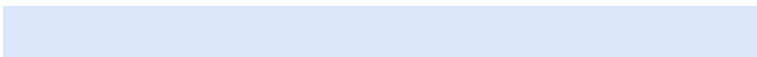
The Inverse Universe completely reimagines the original color for something new.



89.2235, 0.2926, 0.3249



89.9567, 0.2882, 0.3239



79.6111, 0.2921, 0.3078



19.2289, 0.2980, 0.3260



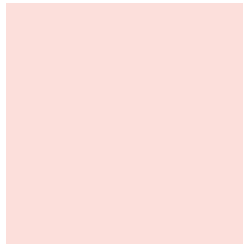
30.8852, 0.2140, 0.2903



2.9583, 0.2154, 0.2954

Previews

White Background



This preview shows how the Yxy color 78.5853, 0.3362, 0.3331 looks on a white background.

Color Contrast Check

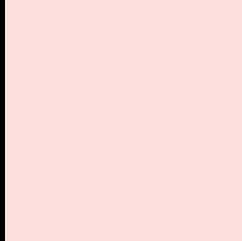
Large Text (above 18pt) WCAG AA × Fail

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 78.5853, 0.3362, 0.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

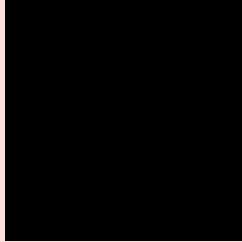
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

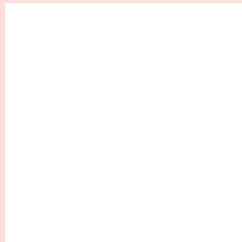
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.5853, 0.3362, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 78.5853, 0.3362, 0.3331.

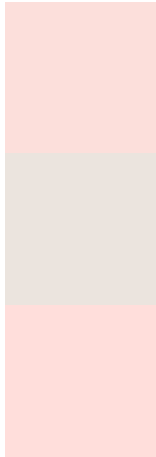


This preview shows how white text looks on a background with the Yxy color 78.5853, 0.3362, 0.3331.

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

78.5853, 0.3362, 0.3331

Protanopia

78.4229, 0.3215, 0.3353

Deuteranopia

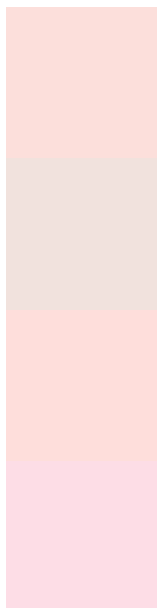
78.6170, 0.3386, 0.3321



Tritanopia

78.3717, 0.3256, 0.3122

Trichromacy



Original Color

78.5853, 0.3362, 0.3331

Protanomaly

78.3139, 0.3266, 0.3342

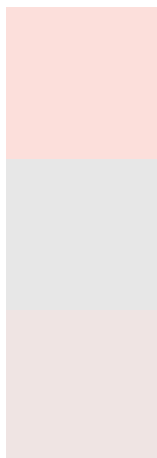
Deuteranomaly

78.4279, 0.3378, 0.3321

Tritanomaly

78.3087, 0.3296, 0.3200

Monochromacy



Original Color

78.5853, 0.3362, 0.3331

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.3836, 0.3210, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.5853, 0.3362, 0.3331 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(252, 223, 219)` looks like.

```
.text, #text, p{  
    color:rgb(252, 223, 219)  
}
```

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(252, 223, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 223, 219) }
```

Border

The CSS property to change the border of an element to Yxy 78.5853, 0.3362, 0.3331 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(252, 223, 219) }
```

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

```
.border{ border-color:rgb(252, 223, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 223, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 223, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 223, 219);  
box-shadow:4px 4px 4px 4px rgb(252, 223,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 78.5853, 0.3362, 0.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 223, 219) }
```

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

```
.background{ background-color: rgb(252,  
223, 219) }
```

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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