

Converting Colors

$Y_{xy}(78.5853, 0.3283, 0.3221)$

Have a look what the booklet for
Yxy(78.5853, 0.3283, 0.3221)
contains.

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Color

Yxy(78.4089, 0.3287, 0.3220)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FBDEE5 |
| RGB | 251, 222, 229 |
| RGB Percent | 98%, 87%, 90% |
| CMY | 0.0158, 0.1293, 0.1019 |
| CMYK | 0.00, 0.12, 0.09, 0.02 |
| HSL | 345°, 78%, 93% |
| HSV | 345°, 12%, 98% |
| XYZ | 80.0404, 78.4089, 85.0566 |
| YIQ | 231.4690, 15.0370, 8.3250 |

Conversions

Conversions Part 2

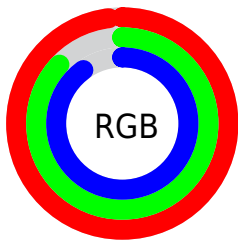
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 251, 222, 229 |
| Decimal | 16506597 |
| CIE Lab | 90.97, 11.10, 0.23 |
| CIE LCh | 91, 11.106, 1.180 |
| Yxy | 78.4089, 0.3287, 0.3220 |
| Android (android.graphics.Color) | 4294696677 (0xFFFBDEE5) |
| YUV | 231.4690, -1.2172, 17.1287 |
| Hunter-Lab | 88.5488, 6.3880, 5.0324 |

Details

The Yxy color **78.4089, 0.3287, 0.3220** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.0352, 0.2988, 0.3361**, and the grayscale version is **80.2799, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.1628, 0.3317, 0.3200** is the 20% darker color. If you saturate the color by 10%, you get **65.0517, 0.3461, 0.3155**, and if you desaturate by 10%, it is **93.8737, 0.3146, 0.3281**.

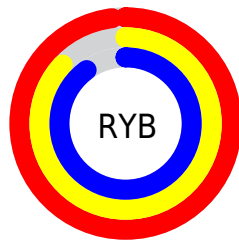
Distribution



Red (98%)

Green (87%)

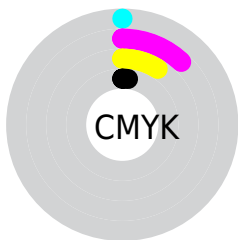
Blue (90%)



Red (98%)

Yellow (87%)

Blue (90%)

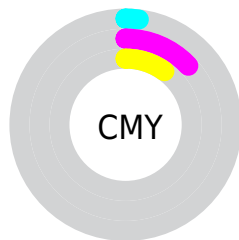


Cyan (0%)

Magenta (12%)

Yellow (9%)

Black (2%)



Cyan (2%)


Magenta (13%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.4089, 0.3287, 0.3220 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 78.4089, 0.3287, 0.3220 by changing the saturation by 10% instead.


 78.4089, 0.3287,
0.3220

 78.4089, 0.3287,
0.3220


489.5544, 0.3214,
0.3252

 58.4099, 0.3303,
0.3213

131.1264, 0.3262,
0.3231

 42.1383, 0.3324,
0.3204


164.6137, 0.3252,
0.3235

 29.2096, 0.3349,
0.3192


203.3659, 0.3243,
0.3239

 19.2394, 0.3383,
0.3178

247.7674, 0.3236,
0.3242

 11.8434, 0.3427,
0.3158

298.2026, 0.3230,
0.3245

 6.6371, 0.3491,
0.3130

355.0559, 0.3224,

 3.2362, 0.3590,

0.3248

0.3086

418.7117, 0.3219,
0.3250

■ 1.2563, 0.3761,
0.3010

■ 0.1070, 0.6425,
0.1844

■ 78.4089, 0.3287,
0.3220

■ 78.4089, 0.3287,
0.3220

■ 65.0517, 0.3461,
0.3155

■ 93.8737, 0.3146,
0.3281

■ 53.7007, 0.3675,
0.3089

■ 99.2430, 0.3102,
0.3290

■ 44.2616, 0.3935,
0.3024

■ 36.6282, 0.4247,
0.2967

■ 30.6843, 0.4605,
0.2926

■ 26.2997, 0.4998,
0.2912

■ 23.3250, 0.5395,
0.2936

■ 21.5814, 0.5753,
0.3000

■ 20.8367, 0.5998,
0.3078

Harmonies

Analogous

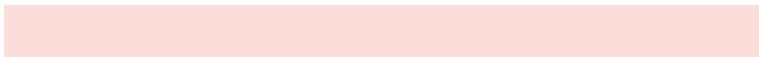
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.4089, 0.3164, 0.3127



78.4089, 0.3287, 0.3220



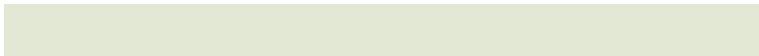
78.4089, 0.3368, 0.3333

Triad

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



78.4089, 0.3287, 0.3220



78.4089, 0.3218, 0.3516



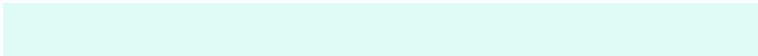
78.4089, 0.2879, 0.3137

Complementary

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



78.4089, 0.3287, 0.3220



91.0352, 0.2988, 0.3361

Split Complementary

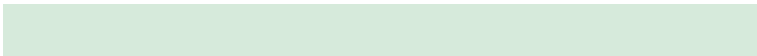
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.4089, 0.2893, 0.3240



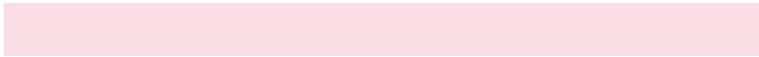
78.4089, 0.3287, 0.3220



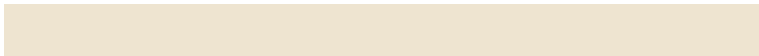
78.4089, 0.3087, 0.3462

Square

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



78.4089, 0.3287, 0.3220



78.4089, 0.3327, 0.3505



78.4089, 0.2968, 0.3360



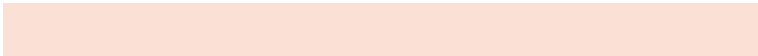
78.4089, 0.2929, 0.3077

Rectangle

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



78.4089, 0.3287, 0.3220



78.4089, 0.3385, 0.3405



78.4089, 0.2968, 0.3360



78.4089, 0.2876, 0.3167

Sweetspot

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



78.4124, 0.3287, 0.3220



94.8479, 0.3165, 0.3272



78.3988, 0.3091, 0.3001



20.0140, 0.3176, 0.3268



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

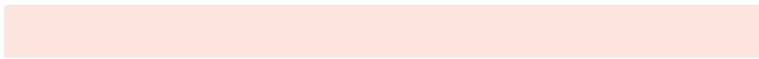
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.4124, 0.3287, 0.3220



77.6775, 0.3327, 0.3204



81.9570, 0.3326, 0.3363



17.2940, 0.3256, 0.3233



10.9749, 0.5959, 0.3056



1.0324, 0.5629, 0.2875

Inverse Universe

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



78.4124, 0.3287, 0.3220



77.6775, 0.3327, 0.3204



87.0335, 0.2948, 0.3215



17.2940, 0.3256, 0.3233



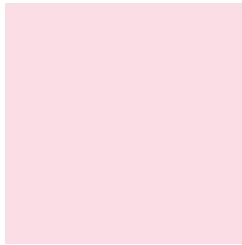
10.9749, 0.5959, 0.3056



1.0324, 0.5629, 0.2875

Previews

White Background



This preview shows how the Yxy color 78.4089, 0.3287, 0.3220 looks on a white background.

Color Contrast Check

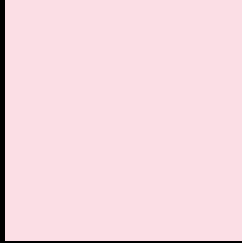
Large Text (above 18pt) WCAG AA × Fail

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 78.4089, 0.3287, 0.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

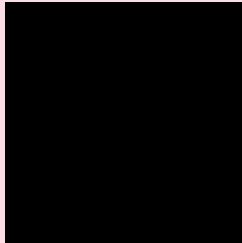
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.4089, 0.3287, 0.3220

Background



This preview shows how black text looks on a background with the Yxy color 78.4089, 0.3287, 0.3220.

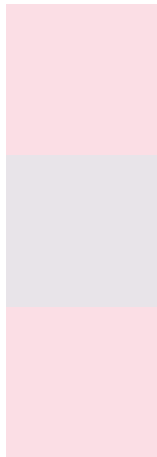


This preview shows how white text looks on a background with the Yxy color 78.4089, 0.3287, 0.3220.

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

78.4089, 0.3287, 0.3220

Protanopia

78.5258, 0.3123, 0.3238

Deuteranopia

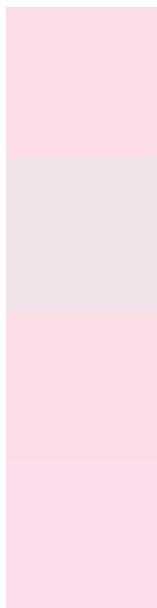
78.4089, 0.3287, 0.3220



Tritanopia

78.5814, 0.3234, 0.3121

Trichromacy



Original Color

78.4089, 0.3287, 0.3220

Protanomaly

78.5696, 0.3179, 0.3229

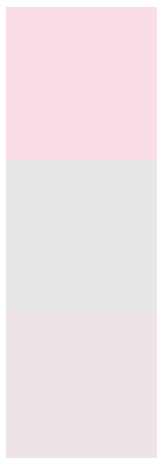
Deuteranomaly

78.4089, 0.3287, 0.3220

Tritanomaly

78.4065, 0.3255, 0.3151

Monochromacy



Original Color

78.4089, 0.3287, 0.3220

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.3771, 0.3183, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.4089, 0.3287, 0.3220 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(251, 222, 229)` looks like.

```
.text, #text, p{  
    color:rgb(251, 222, 229)  
}
```

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(251, 222, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 222, 229) }
```

Border

The CSS property to change the border of an element to Yxy 78.4089, 0.3287, 0.3220 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(251, 222, 229) }
```

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

```
.border{ border-color:rgb(251, 222, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 222, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 222, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 222, 229);  
box-shadow:4px 4px 4px 4px rgb(251, 222,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 78.4089, 0.3287, 0.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 222, 229) }
```

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

```
.background{ background-color: rgb(251,  
222, 229) }
```

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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