

Converting Colors

$Y_{xy}(77.8298, 0.3241, 0.3187)$

Have a look what the booklet for
Yxy(77.8298, 0.3241, 0.3187)
contains.

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Color

Yxy(77.8429, 0.3238, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	F7DEE8
RGB	247, 222, 232
RGB Percent	97%, 87%, 91%
CMY	0.0315, 0.1294, 0.0901
CMYK	0.00, 0.10, 0.06, 0.03
HSL	336°, 61%, 92%
HSV	336°, 10%, 97%
XYZ	79.0390, 77.8429, 87.2163
YIQ	230.6150, 11.6900, 8.4100

Conversions

Conversions Part 2

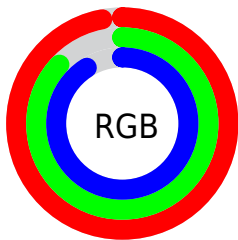
Format	Color
R _Y B	247, 222, 232
Decimal	16244456
CIE Lab	90.71, 10.24, -1.76
CIE LCh	91, 10.389, 350.235
Yxy	77.8429, 0.3238, 0.3189
Android (android.graphics.Color)	4294434536 (0xFFFF7DEE8)
YUV	230.6150, 0.6828, 14.3696
Hunter-Lab	88.2286, 5.5079, 3.1503

Details

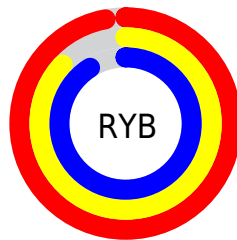
The Yxy color **77.8429, 0.3238, 0.3189** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.1490, 0.3028, 0.3393**, and the grayscale version is **79.5991, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.8484, 0.3272, 0.3174** is the 20% darker color. If you saturate the color by 10%, you get **64.8669, 0.3372, 0.3083**, and if you desaturate by 10%, it is **92.8181, 0.3128, 0.3289**.

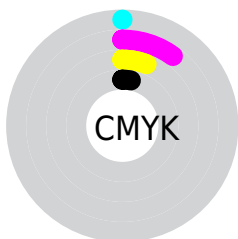
Distribution



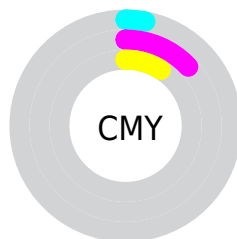
- Red (97%)
- Green (87%)
- Blue (91%)



- Red (97%)
- Yellow (87%)
- Blue (91%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (3%)





- Cyan (3%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.8429, 0.3238, 0.3189 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 77.8429, 0.3238, 0.3189 by changing the saturation by 10% instead.


 77.8429, 0.3238,
0.3189

 77.8429, 0.3238,
0.3189


487.6331, 0.3187,
0.3235

 57.9449, 0.3249,
0.3179


130.3286, 0.3221,
0.3205

 41.7644, 0.3263,
0.3166


163.6852, 0.3214,
0.3211

 28.9168, 0.3281,
0.3150


202.2967, 0.3208,
0.3216

 19.0179, 0.3304,
0.3130

246.5477, 0.3203,
0.3221

 11.6832, 0.3335,
0.3102

296.8224, 0.3198,
0.3225

 6.5284, 0.3378,
0.3063

353.5053, 0.3194,

 3.1689, 0.3445,

0.3229

0.3003

416.9807, 0.3191,
0.3232

■ 1.2206, 0.3562,
0.2902

■ 0.0784, 0.5307,
0.1282

■ 77.8429, 0.3238,
0.3189

■ 77.8429, 0.3238,
0.3189

■ 64.8669, 0.3372,
0.3083

■ 92.8181, 0.3128,
0.3289

■ 53.7949, 0.3534,
0.2974

■ 98.5092, 0.3078,
0.3290

■ 44.5393, 0.3730,
0.2866

■ 37.0015, 0.3960,
0.2766

■ 31.0734, 0.4226,
0.2683

■ 26.6345, 0.4522,
0.2632

■ 23.5471, 0.4833,
0.2623

■ 21.6473, 0.5139,
0.2668

■ 20.6701, 0.5419,
0.2759

Harmonies

Analogous

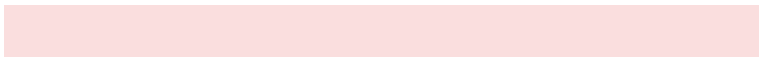
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.8429, 0.3116, 0.3113



77.8429, 0.3238, 0.3189



77.8429, 0.3331, 0.3291

Triad

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



77.8429, 0.3238, 0.3189



77.8429, 0.3254, 0.3505



77.8429, 0.2891, 0.3178

Complementary

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



77.8429, 0.3238, 0.3189



88.1490, 0.3028, 0.3393

Split Complementary

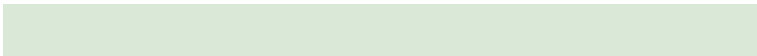
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.8429, 0.2927, 0.3284



77.8429, 0.3238, 0.3189



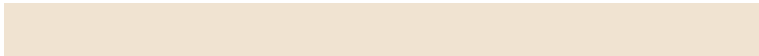
77.8429, 0.3135, 0.3476

Square

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



77.8429, 0.3238, 0.3189



77.8429, 0.3340, 0.3474



77.8429, 0.3015, 0.3394



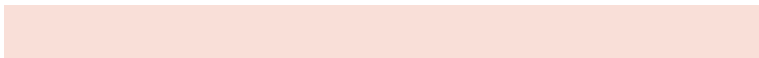
77.8429, 0.2918, 0.3105

Rectangle

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



77.8429, 0.3238, 0.3189



77.8429, 0.3364, 0.3362



77.8429, 0.3015, 0.3394



77.8429, 0.2897, 0.3211

Sweetspot

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



77.8463, 0.3238, 0.3189



94.9241, 0.3158, 0.3261



76.8947, 0.3067, 0.3036



20.0345, 0.3166, 0.3253



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

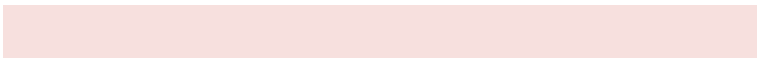
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.8463, 0.3238, 0.3189



80.8815, 0.3262, 0.3169



78.4055, 0.3304, 0.3312



16.5926, 0.3230, 0.3195



10.9607, 0.5376, 0.2735



0.9831, 0.5045, 0.2553

Inverse Universe

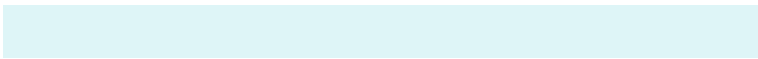
The Inverse Universe completely reimagines the original color for something new.



77.8463, 0.3238, 0.3189



80.8815, 0.3262, 0.3169



87.4853, 0.2971, 0.3268



16.5926, 0.3230, 0.3195



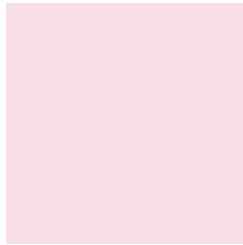
10.9607, 0.5376, 0.2735



0.9831, 0.5045, 0.2553

Previews

White Background



This preview shows how the Yxy color 77.8429, 0.3238, 0.3189 looks on a white background.

Color Contrast Check

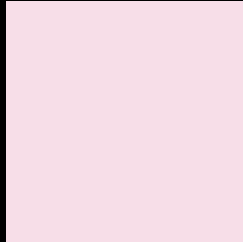
Large Text (above 18pt) WCAG AA × Fail

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 77.8429, 0.3238, 0.3189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

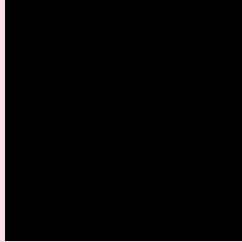
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.8429, 0.3238, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 77.8429, 0.3238, 0.3189.

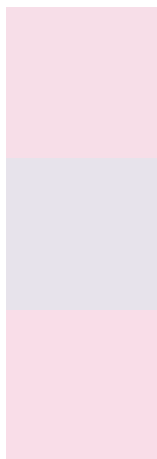


This preview shows how white text looks on a background with the Yxy color 77.8429, 0.3238, 0.3189.

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

77.8429, 0.3238, 0.3189

Protanopia

77.9253, 0.3104, 0.3207

Deuteranopia

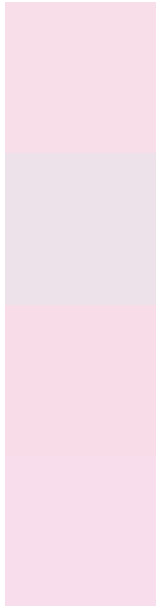
77.6788, 0.3254, 0.3179



Tritanopia

77.8424, 0.3206, 0.3119

Trichromacy



Original Color

77.8429, 0.3238, 0.3189

Protanomaly

77.7955, 0.3152, 0.3197

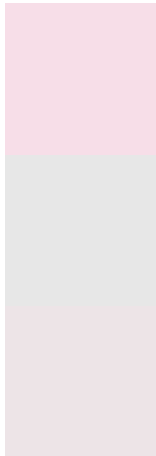
Deuteranomaly

77.4956, 0.3246, 0.3179

Tritanomaly

77.7255, 0.3219, 0.3139

Monochromacy



Original Color

77.8429, 0.3238, 0.3189

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.2609, 0.3170, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.8429, 0.3238, 0.3189 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(247, 222, 232)` looks like.

```
.text, #text, p{  
    color:rgb(247, 222, 232)  
}
```

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(247, 222, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 222, 232) }
```

Border

The CSS property to change the border of an element to Yxy 77.8429, 0.3238, 0.3189 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(247, 222, 232) }
```

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

```
.border{ border-color:rgb(247, 222, 232) }
```

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

Here you see how a box with a 4 pixel rgb(247, 222, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 222, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 222, 232);  
box-shadow:4px 4px 4px 4px rgb(247, 222,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 77.8429, 0.3238, 0.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 222, 232) }
```

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

```
.background{ background-color: rgb(247,  
222, 232) }
```

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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