

Converting Colors

$Yxy(79.2436, 0.3174, 0.3097)$

Have a look what the booklet for
Yxy(79.2436, 0.3174, 0.3097)
contains.

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Color

Yxy(79.2029, 0.3171, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	F8DFF3
RGB	248, 223, 243
RGB Percent	97%, 87%, 95%
CMY	0.0278, 0.1253, 0.0471
CMYK	0.00, 0.10, 0.02, 0.03
HSL	312°, 64%, 92%
HSV	312°, 10%, 97%
XYZ	81.2528, 79.2029, 95.7814
YIQ	232.7550, 8.4800, 11.5200

Conversions

Conversions Part 2

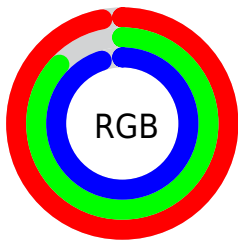
Format	Color
R _Y B	248, 223, 243
Decimal	16310259
CIE Lab	91.33, 11.92, -6.59
CIE LCh	91, 13.624, 331.080
Yxy	79.2029, 0.3171, 0.3091
Android (android.graphics.Color)	4294500339 (0xFFF8DFF3)
YUV	232.7550, 5.0508, 13.3699
Hunter-Lab	88.9960, 7.2264, -1.5133

Details

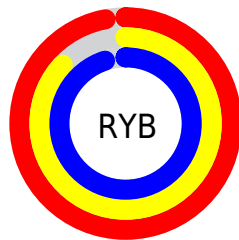
The Yxy color **79.2029, 0.3171, 0.3091** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.3800, 0.3086, 0.3497**, and the grayscale version is **81.2435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.7996, 0.3184, 0.3048** is the 20% darker color. If you saturate the color by 10%, you get **66.6180, 0.3222, 0.2886**, and if you desaturate by 10%, it is **93.7423, 0.3127, 0.3289**.

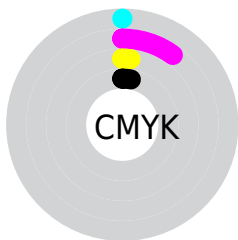
Distribution



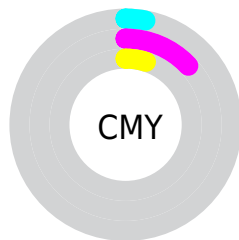
- Red (97%)
- Green (87%)
- Blue (95%)



- Red (97%)
- Yellow (87%)
- Blue (95%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (3%)





- Cyan (3%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.2029, 0.3171, 0.3091 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 79.2029, 0.3171, 0.3091 by changing the saturation by 10% instead.

 79.2029, 0.3171,
0.3091

 79.2029, 0.3171,
0.3091

492.2425, 0.3152,
0.3180

 59.0626, 0.3175,
0.3071


132.2445, 0.3164,
0.3121

 42.6636, 0.3180,
0.3047


165.9146, 0.3162,
0.3133

 29.6212, 0.3187,
0.3017


204.8634, 0.3160,
0.3144

 19.5513, 0.3194,
0.2978

249.4754, 0.3158,
0.3153

 12.0693, 0.3205,
0.2927

300.1349, 0.3156,
0.3161

 6.7909, 0.3219,
0.2856

357.2263, 0.3154,

 3.3317, 0.3239,

0.3168

0.2750

421.1340, 0.3153,
0.3175

■ 1.3072, 0.3270,
0.2576

■ 0.1468, 0.3595,
0.1225

■ 79.2029, 0.3171,
0.3091

■ 79.2029, 0.3171,
0.3091

■ 66.6180, 0.3222,
0.2886

■ 93.7423, 0.3127,
0.3289

■ 55.8934, 0.3279,
0.2678

■ 98.5427, 0.3096,
0.3311

■ 46.9424, 0.3344,
0.2476

■ 98.6820, 0.3084,
0.3290

■ 39.6673, 0.3415,
0.2287

■ 33.9609, 0.3491,
0.2122

■ 29.7039, 0.3569,
0.1992

■ 26.7594, 0.3648,
0.1905

■ 24.9645, 0.3725,
0.1864

■ 24.0510, 0.3798,
0.1866

Harmonies

Analogous

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



79.2029, 0.3011, 0.3028



79.2029, 0.3171, 0.3091



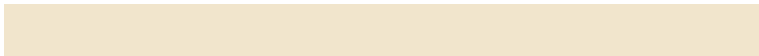
79.2029, 0.3322, 0.3204

Triad

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



79.2029, 0.3171, 0.3091



79.2029, 0.3371, 0.3553



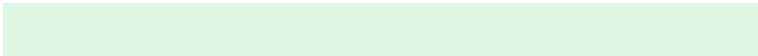
79.2029, 0.2842, 0.3228

Complementary

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



79.2029, 0.3171, 0.3091



88.3800, 0.3086, 0.3497

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.



79.2029, 0.2933, 0.3376



79.2029, 0.3171, 0.3091



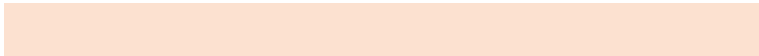
79.2029, 0.3238, 0.3567

Square

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



79.2029, 0.3171, 0.3091



79.2029, 0.3439, 0.3468



79.2029, 0.3078, 0.3502



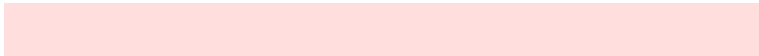
79.2029, 0.2824, 0.3102

Rectangle

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



79.2029, 0.3171, 0.3091



79.2029, 0.3396, 0.3294



79.2029, 0.3078, 0.3502



79.2029, 0.2865, 0.3277

Sweetspot

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



79.2063, 0.3171, 0.3091



95.1183, 0.3140, 0.3231



75.9953, 0.3000, 0.3032



20.0870, 0.3143, 0.3216



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

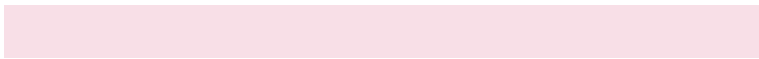
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2063, 0.3171, 0.3091



81.6213, 0.3180, 0.3051



78.5013, 0.3251, 0.3211



17.4620, 0.3168, 0.3102



13.0222, 0.3786, 0.1860



1.2206, 0.3704, 0.1814

Inverse Universe

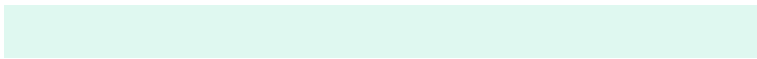
The Inverse Universe completely reimagines the original color for something new.



79.2063, 0.3171, 0.3091



81.6213, 0.3180, 0.3051



89.0735, 0.3017, 0.3371



17.4620, 0.3168, 0.3102



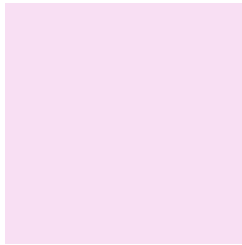
13.0222, 0.3786, 0.1860



1.2206, 0.3704, 0.1814

Previews

White Background



This preview shows how the Yxy color 79.2029, 0.3171, 0.3091 looks on a white background.

Color Contrast Check

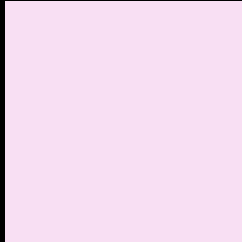
Large Text (above 18pt) WCAG AA × Fail

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 79.2029, 0.3171, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

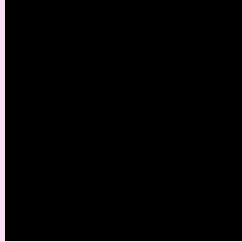
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

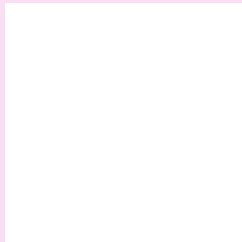
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.2029, 0.3171, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 79.2029, 0.3171, 0.3091.



This preview shows how white text looks on a background with the Yxy color 79.2029, 0.3171, 0.3091.

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

79.2029, 0.3171, 0.3091

Protanopia

79.5154, 0.3028, 0.3115

Deuteranopia

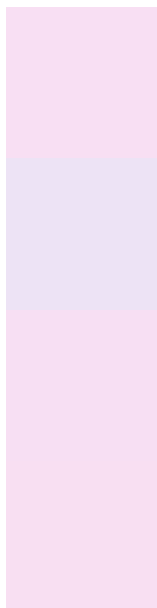
79.0206, 0.3164, 0.3090



Tritanopia

79.0827, 0.3185, 0.3110

Trichromacy



Original Color

79.2029, 0.3171, 0.3091

Protanomaly

79.5353, 0.3081, 0.3107

Deuteranomaly

79.0206, 0.3164, 0.3090

Tritanomaly

79.1426, 0.3178, 0.3100

Monochromacy



Original Color

79.2029, 0.3171, 0.3091

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.3302, 0.3138, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2029, 0.3171, 0.3091 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(248, 223, 243)` looks like.

```
.text, #text, p{  
    color:rgb(248, 223, 243)  
}
```

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(248, 223, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 223, 243) }
```

Border

The CSS property to change the border of an element to Yxy 79.2029, 0.3171, 0.3091 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(248, 223, 243) }
```

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

```
.border{ border-color:rgb(248, 223, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 223, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 223, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 223, 243);  
box-shadow:4px 4px 4px 4px rgb(248, 223,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2029, 0.3171, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 223, 243) }
```

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

```
.background{ background-color: rgb(248,  
223, 243) }
```

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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