

Converting Colors

$Yxy(79.4915, 0.3102, 0.3051)$

Have a look what the booklet for
Yxy(79.4915, 0.3102, 0.3051)
contains.

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Color

Yxy(79.6824, 0.3104, 0.3060)

Conversions

Conversions Part 1

Format	Color
Hex	F3E1F8
RGB	243, 225, 248
RGB Percent	95%, 88%, 97%
CMY	0.0470, 0.1176, 0.0276
CMYK	0.02, 0.09, 0.00, 0.03
HSL	287°, 62%, 93%
HSV	287°, 9%, 97%
XYZ	80.8282, 79.6824, 99.8894
YIQ	233.0040, 3.3450, 10.9690

Conversions

Conversions Part 2

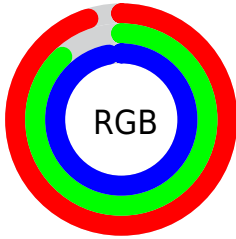
Format	Color
R_{YB}	243, 225, 248
Decimal	15983096
CIE _{Lab}	91.54, 10.16, -8.92
CIE _{LCh}	92, 13.522, 318.742
Yxy	79.6824, 0.3104, 0.3060
Android (android.graphics.Color)	4294173176 (0xFFFF3E1F8)
YUV	233.0040, 7.3930, 8.7665
Hunter-Lab	89.2650, 5.4154, -3.8613

Details

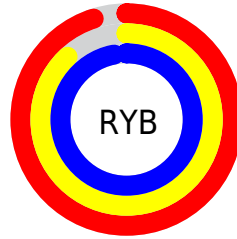
The Yxy color **79.6824, 0.3104, 0.3060** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.3581, 0.3148, 0.3526**, and the grayscale version is **81.4319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.1200, 0.3096, 0.3008** is the 20% darker color. If you saturate the color by 10%, you get **66.3021, 0.3074, 0.2800**, and if you desaturate by 10%, it is **95.0439, 0.3129, 0.3308**.

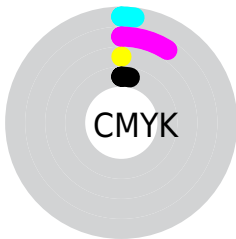
Distribution



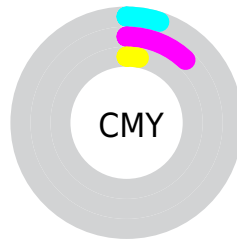
- Red (95%)
- Green (88%)
- Blue (97%)



- Red (95%)
- Yellow (88%)
- Blue (97%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)





- Cyan (5%)
- Magenta (12%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.6824, 0.3104, 0.3060 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 79.6824, 0.3104, 0.3060 by changing the saturation by 10% instead.


 79.6824, 0.3104,
0.3060

 79.6824, 0.3104,
0.3060


493.8619, 0.3115,
0.3163

 59.4570, 0.3101,
0.3037

132.9191, 0.3108,
0.3095

 42.9811, 0.3098,
0.3010


166.6992, 0.3110,
0.3109

 29.8703, 0.3094,
0.2975


205.7664, 0.3111,
0.3121

 19.7402, 0.3088,
0.2931

250.5051, 0.3112,
0.3131

 12.2063, 0.3079,
0.2872

301.2995, 0.3113,
0.3141

 6.8844, 0.3067,
0.2791

358.5342, 0.3114,

 3.3899, 0.3047,

0.3149

0.2670

422.5935, 0.3115,
0.3156

1.3385, 0.3010,
0.2475

0.1707, 0.2952,
0.1228

79.6824, 0.3104,
0.3060

79.6824, 0.3104,
0.3060

66.3021, 0.3074,
0.2800

95.0439, 0.3129,
0.3308

54.8089, 0.3037,
0.2532

99.3071, 0.3160,
0.3358

45.1165, 0.2995,
0.2266

99.5545, 0.3168,
0.3357

37.1276, 0.2947,
0.2011

■ 30.7357, 0.2894,
0.1779

■ 25.8222, 0.2837,
0.1579

■ 22.2519, 0.2779,
0.1422

■ 19.8639, 0.2721,
0.1311

■ 18.4127, 0.2664,
0.1243

Harmonies

Analogous

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



79.6824, 0.2955, 0.3023



79.6824, 0.3104, 0.3060



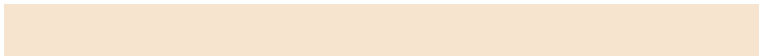
79.6824, 0.3263, 0.3154

Triad

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



79.6824, 0.3104, 0.3060



79.6824, 0.3406, 0.3523



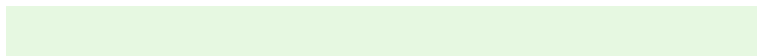
79.6824, 0.2874, 0.3288

Complementary

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



79.6824, 0.3104, 0.3060



89.3581, 0.3148, 0.3526

Split Complementary

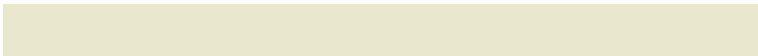
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.6824, 0.2990, 0.3431



79.6824, 0.3104, 0.3060



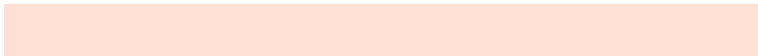
79.6824, 0.3297, 0.3568

Square

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



79.6824, 0.3104, 0.3060



79.6824, 0.3440, 0.3418



79.6824, 0.3144, 0.3535



79.6824, 0.2825, 0.3150

Rectangle

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



79.6824, 0.3104, 0.3060



79.6824, 0.3352, 0.3238



79.6824, 0.3144, 0.3535



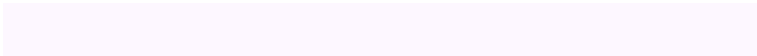
79.6824, 0.2906, 0.3338

Sweetspot

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



79.6858, 0.3104, 0.3060



94.9048, 0.3120, 0.3217



79.3650, 0.2983, 0.3104



20.0291, 0.3118, 0.3197



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.



79.6858, 0.3104, 0.3060



82.2634, 0.3099, 0.3015



80.1803, 0.3180, 0.3126



17.3250, 0.3103, 0.3054



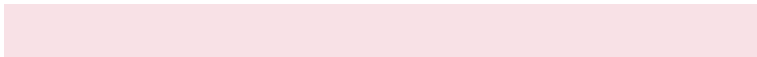
9.9639, 0.2669, 0.1244



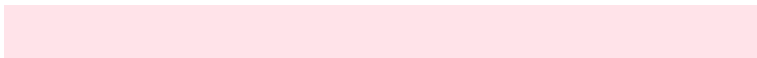
0.9680, 0.2736, 0.1281

Inverse Universe

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



79.5125, 0.3256, 0.3241



82.0534, 0.3284, 0.3231



88.9142, 0.3078, 0.3460



17.2864, 0.3260, 0.3239



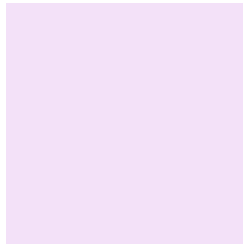
10.9380, 0.6036, 0.3099



1.0280, 0.5716, 0.2922

Previews

White Background



This preview shows how the Yxy color 79.6824, 0.3104, 0.3060 looks on a white background.

Color Contrast Check

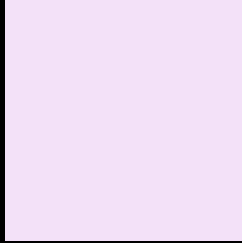
Large Text (above 18pt) WCAG AA × Fail

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 79.6824, 0.3104, 0.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

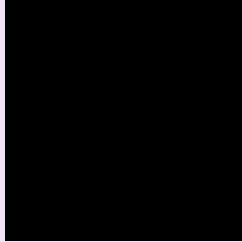
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

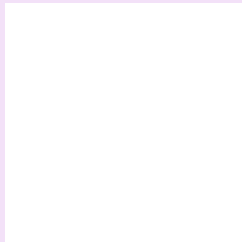
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.6824, 0.3104, 0.3060

Background



This preview shows how black text looks on a background with the Yxy color 79.6824, 0.3104, 0.3060.

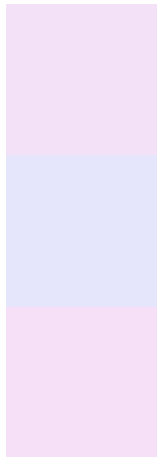


This preview shows how white text looks on a background with the Yxy color 79.6824, 0.3104, 0.3060.

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

79.6824, 0.3104, 0.3060

Protanopia

79.6617, 0.2991, 0.3064

Deuteranopia

79.5011, 0.3118, 0.3050



Tritanopia

79.7410, 0.3128, 0.3119

Trichromacy



Original Color

79.6824, 0.3104, 0.3060

Protanomaly

79.8814, 0.3030, 0.3066

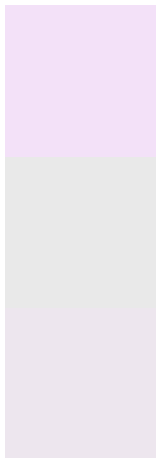
Deuteranomaly

79.3217, 0.3111, 0.3050

Tritanomaly

79.8625, 0.3116, 0.3099

Monochromacy



Original Color

79.6824, 0.3104, 0.3060

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.7712, 0.3124, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.6824, 0.3104, 0.3060 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(243, 225, 248)` looks like.

```
.text, #text, p{  
    color:rgb(243, 225, 248)  
}
```

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(243, 225, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 225, 248) }
```

Border

The CSS property to change the border of an element to Yxy 79.6824, 0.3104, 0.3060 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(243, 225, 248) }
```

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

```
.border{ border-color:rgb(243, 225, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 225, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 225, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 225, 248); box-shadow:4px 4px 4px 4px rgb(243, 225, 248) }
```


Background

The CSS property to change the background color of an element to Yxy 79.6824, 0.3104, 0.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 225, 248) }
```

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

```
.background{ background-color: rgb(243,  
225, 248) }
```

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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