

Converting Colors

$Y_{xy}(78.0059, 0.3164, 0.3099)$

Have a look what the booklet for
Yxy(78.0059, 0.3164, 0.3099)
contains.

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Color

Yxy(78.0059, 0.3164, 0.3099)

Conversions

Conversions Part 1

Format	Color
Hex	F5DEF1
RGB	245, 222, 241
RGB Percent	96%, 87%, 95%
CMY	0.0394, 0.1293, 0.0550
CMYK	0.00, 0.09, 0.02, 0.04
HSL	310°, 53%, 92%
HSV	310°, 9%, 96%
XYZ	79.6420, 78.0059, 94.0652
YIQ	231.0430, 7.6090, 10.7850

Conversions

Conversions Part 2

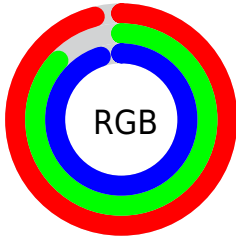
Format	Color
R _Y B	245, 222, 241
Decimal	16113393
CIE Lab	90.78, 11.11, -6.37
CIE LCh	91, 12.809, 330.159
Yxy	78.0059, 0.3164, 0.3099
Android (android.graphics.Color)	4294303473 (0xFFFF5DEF1)
YUV	231.0430, 4.9088, 12.2403
Hunter-Lab	88.3209, 6.3979, -1.3215

Details

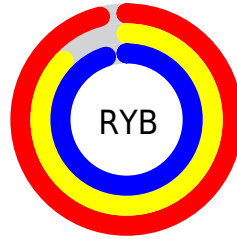
The Yxy color **78.0059, 0.3164, 0.3099** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86.3047, 0.3092, 0.3489**, and the grayscale version is **79.9018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.9590, 0.3175, 0.3058** is the 20% darker color. If you saturate the color by 10%, you get **65.6761, 0.3209, 0.2888**, and if you desaturate by 10%, it is **92.2388, 0.3125, 0.3303**.

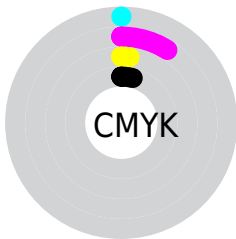
Distribution



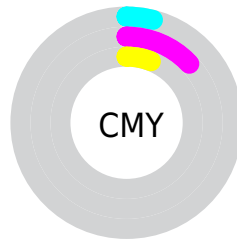
- Red (96%)
- Green (87%)
- Blue (95%)



- Red (96%)
- Yellow (87%)
- Blue (95%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (4%)





- Cyan (4%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.0059, 0.3164, 0.3099 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 78.0059, 0.3164, 0.3099 by changing the saturation by 10% instead.

 78.0059, 0.3164,
0.3099

 78.0059, 0.3164,
0.3099


488.1869, 0.3148,
0.3185

 58.0788, 0.3168,
0.3080


130.5584, 0.3159,
0.3128

 41.8720, 0.3172,
0.3057


163.9527, 0.3156,
0.3140

 29.0011, 0.3177,
0.3027


202.6048, 0.3154,
0.3150

 19.0816, 0.3184,
0.2990

246.8991, 0.3153,
0.3159

 11.7293, 0.3192,
0.2940

297.2201, 0.3151,
0.3166

 6.5596, 0.3204,
0.2870

353.9521, 0.3150,

 3.1883, 0.3221,

0.3173

0.2766

417.4796, 0.3149,
0.3180

■ 1.2308, 0.3246,
0.2593

■ 0.0866, 0.3607,
0.0884

■ 78.0059, 0.3164,
0.3099

■ 78.0059, 0.3164,
0.3099

■ 65.6761, 0.3209,
0.2888

■ 92.2388, 0.3125,
0.3303

■ 55.1581, 0.3260,
0.2675

■ 97.7946, 0.3097,
0.3344

■ 46.3681, 0.3317,
0.2467

■ 98.0633, 0.3073,
0.3302

■ 39.2120, 0.3379,
0.2273

■ 98.1454, 0.3065,
0.3290

■ 33.5864, 0.3445,
0.2102

■ 29.3764, 0.3513,
0.1966

■ 26.4504, 0.3581,
0.1872

■ 24.6526, 0.3647,
0.1824

■ 23.7403, 0.3709,
0.1819

Harmonies

Analogous

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



78.0059, 0.3013, 0.3041



78.0059, 0.3164, 0.3099



78.0059, 0.3308, 0.3205

Triad

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



78.0059, 0.3164, 0.3099



78.0059, 0.3361, 0.3537



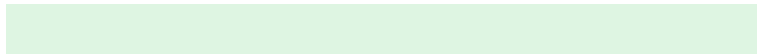
78.0059, 0.2859, 0.3236

Complementary

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



78.0059, 0.3164, 0.3099



86.3047, 0.3092, 0.3489

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.



78.0059, 0.2948, 0.3375



78.0059, 0.3164, 0.3099



78.0059, 0.3237, 0.3552

Square

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



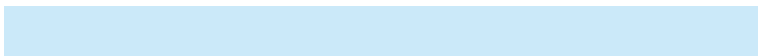
78.0059, 0.3164, 0.3099



78.0059, 0.3423, 0.3456



78.0059, 0.3085, 0.3493



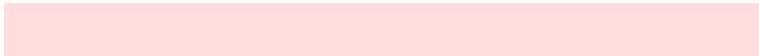
78.0059, 0.2840, 0.3116

Rectangle

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



78.0059, 0.3164, 0.3099



78.0059, 0.3379, 0.3290



78.0059, 0.3085, 0.3493



78.0059, 0.2881, 0.3282

Sweetspot

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



78.0093, 0.3164, 0.3099



95.1307, 0.3138, 0.3230



74.9877, 0.3007, 0.3050



20.0903, 0.3142, 0.3213



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

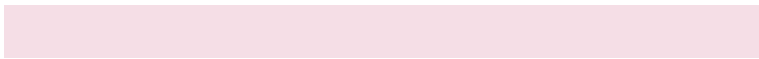
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.0093, 0.3164, 0.3099



83.0817, 0.3171, 0.3064



77.3538, 0.3239, 0.3212



16.7161, 0.3165, 0.3097



12.7873, 0.3703, 0.1813



1.1366, 0.3630, 0.1773

Inverse Universe

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



78.0093, 0.3164, 0.3099



83.0817, 0.3171, 0.3064



86.9467, 0.3026, 0.3369



16.7161, 0.3165, 0.3097



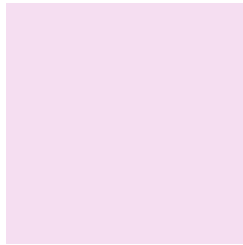
12.7873, 0.3703, 0.1813



1.1366, 0.3630, 0.1773

Previews

White Background



This preview shows how the Yxy color 78.0059, 0.3164, 0.3099 looks on a white background.

Color Contrast Check

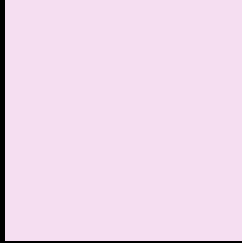
Large Text (above 18pt) WCAG AA × Fail

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 78.0059, 0.3164, 0.3099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

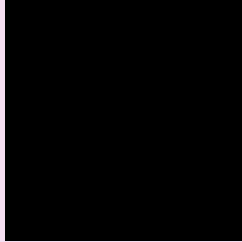
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.0059, 0.3164, 0.3099

Background



This preview shows how black text looks on a background with the Yxy color 78.0059, 0.3164, 0.3099.



This preview shows how white text looks on a background with the Yxy color 78.0059, 0.3164, 0.3099.

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

78.0059, 0.3164, 0.3099

Protanopia

77.9638, 0.3027, 0.3114

Deuteranopia

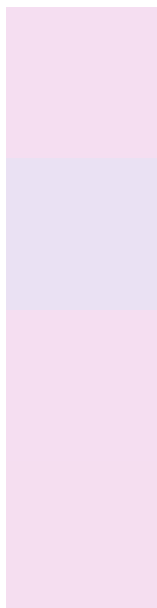
78.0059, 0.3164, 0.3099



Tritanopia

77.9463, 0.3171, 0.3109

Trichromacy



Original Color

78.0059, 0.3164, 0.3099

Protanomaly

77.8139, 0.3074, 0.3105

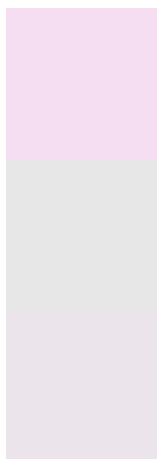
Deuteranomaly

78.0059, 0.3164, 0.3099

Tritanomaly

77.9463, 0.3171, 0.3109

Monochromacy



Original Color

78.0059, 0.3164, 0.3099

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.3178, 0.3137, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.0059, 0.3164, 0.3099 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(245, 222, 241)` looks like.

```
.text, #text, p{  
    color:rgb(245, 222, 241)  
}
```

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(245, 222, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 222, 241) }
```

Border

The CSS property to change the border of an element to Yxy 78.0059, 0.3164, 0.3099 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(245, 222, 241) }
```

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

```
.border{ border-color:rgb(245, 222, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 222, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 222, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 222, 241);  
box-shadow:4px 4px 4px 4px rgb(245, 222,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 78.0059, 0.3164, 0.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 222, 241) }
```

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

```
.background{ background-color: rgb(245,  
222, 241) }
```

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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