

Converting Colors

Yxy(78.0149, 0.3218, 0.3159)

Have a look what the booklet for
Yxy(78.0149, 0.3218, 0.3159)
contains.

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Color

Yxy(78.0149, 0.3218, 0.3159)

Conversions

Conversions Part 1

Format	Color
Hex	F7DEEB
RGB	247, 222, 235
RGB Percent	97%, 87%, 92%
CMY	0.0314, 0.1294, 0.0784
CMYK	0.00, 0.10, 0.05, 0.03
HSL	329°, 61%, 92%
HSV	329°, 10%, 97%
XYZ	79.4720, 78.0149, 89.4739
YIQ	230.9570, 10.7270, 9.3430

Conversions

Conversions Part 2

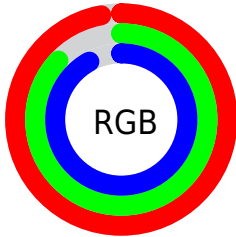
Format	Color
R _Y B	247, 222, 235
Decimal	16244459
CIE Lab	90.79, 10.76, -3.22
CIE LCh	91, 11.227, 343.357
Yxy	78.0149, 0.3218, 0.3159
Android (android.graphics.Color)	4294434539 (0xFFFF7DEEB)
YUV	230.9570, 1.9932, 14.0697
Hunter-Lab	88.3260, 6.0360, 1.7677

Details

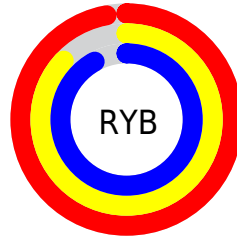
The Yxy color **78.0149, 0.3218, 0.3159** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.9849, 0.3045, 0.3425**, and the grayscale version is **79.8579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.9685, 0.3245, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **65.1824, 0.3326, 0.3023**, and if you desaturate by 10%, it is **92.8216, 0.3128, 0.3289**.

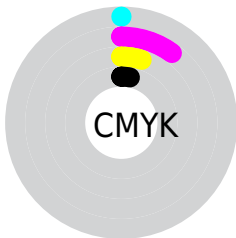
Distribution



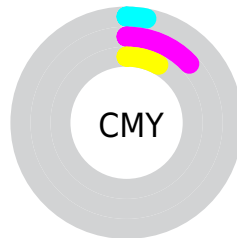
- Red (97%)
- Green (87%)
- Blue (92%)



- Red (97%)
- Yellow (87%)
- Blue (92%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (3%)





- Cyan (3%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.0149, 0.3218, 0.3159 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 78.0149, 0.3218, 0.3159 by changing the saturation by 10% instead.


 78.0149, 0.3218,
0.3159

 78.0149, 0.3218,
0.3159

488.2174, 0.3177,
0.3218

 58.0862, 0.3227,
0.3146


130.5711, 0.3204,
0.3179

 41.8780, 0.3239,
0.3130


163.9675, 0.3198,
0.3187

 29.0057, 0.3253,
0.3109


202.6218, 0.3194,
0.3194

 19.0852, 0.3271,
0.3083

246.9185, 0.3189,
0.3200

 11.7318, 0.3296,
0.3048

297.2421, 0.3186,
0.3206

 6.5614, 0.3331,
0.2998

353.9768, 0.3182,

 3.1893, 0.3384,

0.3210

0.2924

417.5071, 0.3179,
0.3215

■ 1.2314, 0.3474,
0.2798

■ 0.0871, 0.4592,
0.1158

■ 78.0149, 0.3218,
0.3159

■ 78.0149, 0.3218,
0.3159

■ 65.1824, 0.3326,
0.3023

■ 92.8216, 0.3128,
0.3289

■ 54.2299, 0.3456,
0.2883

■ 98.5119, 0.3078,
0.3290

■ 45.0704, 0.3610,
0.2744

■ 37.6063, 0.3788,
0.2614

■ 31.7306, 0.3991,
0.2504

■ 27.3236, 0.4214,
0.2425

■ 24.2490, 0.4449,
0.2391

■ 22.3439, 0.4685,
0.2410

■ 21.3451, 0.4909,
0.2478

Harmonies

Analogous

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



78.0149, 0.3084, 0.3087



78.0149, 0.3218, 0.3159



78.0149, 0.3329, 0.3265

Triad

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



78.0149, 0.3218, 0.3159



78.0149, 0.3290, 0.3520



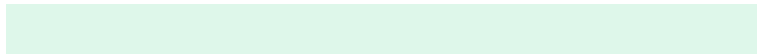
78.0149, 0.2876, 0.3193

Complementary

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



78.0149, 0.3218, 0.3159



87.9849, 0.3045, 0.3425

Split Complementary

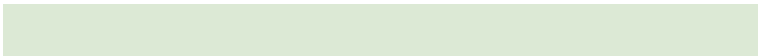
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.0149, 0.2929, 0.3311



78.0149, 0.3218, 0.3159



78.0149, 0.3166, 0.3504

Square

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



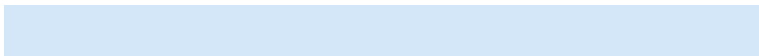
78.0149, 0.3218, 0.3159



78.0149, 0.3371, 0.3473



78.0149, 0.3034, 0.3427



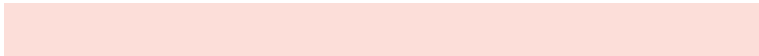
78.0149, 0.2889, 0.3104

Rectangle

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



78.0149, 0.3218, 0.3159



78.0149, 0.3374, 0.3341



78.0149, 0.3034, 0.3427



78.0149, 0.2887, 0.3230

Sweetspot

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



78.0183, 0.3218, 0.3159



94.9818, 0.3152, 0.3252



76.3982, 0.3047, 0.3034



20.0501, 0.3159, 0.3242



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

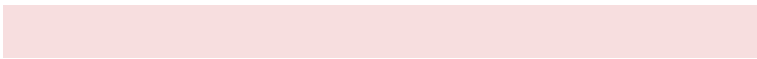
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.0183, 0.3218, 0.3159



81.0973, 0.3237, 0.3133



77.3387, 0.3301, 0.3282



16.6266, 0.3212, 0.3167



11.3189, 0.4874, 0.2458



1.0156, 0.4608, 0.2312

Inverse Universe

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



78.0183, 0.3218, 0.3159



81.0973, 0.3237, 0.3133



88.7085, 0.2976, 0.3298



16.6266, 0.3212, 0.3167



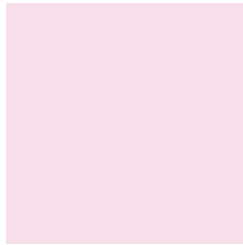
11.3189, 0.4874, 0.2458



1.0156, 0.4608, 0.2312

Previews

White Background



This preview shows how the Yxy color 78.0149, 0.3218, 0.3159 looks on a white background.

Color Contrast Check

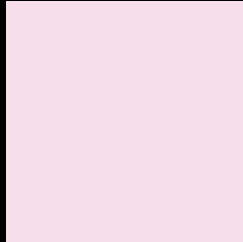
Large Text (above 18pt) WCAG AA × Fail

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 78.0149, 0.3218, 0.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

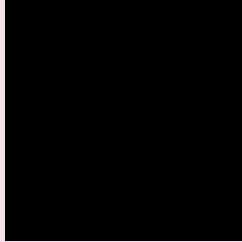
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.0149, 0.3218, 0.3159

Background



This preview shows how black text looks on a background with the Yxy color 78.0149, 0.3218, 0.3159.

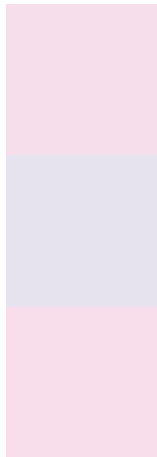


This preview shows how white text looks on a background with the Yxy color 78.0149, 0.3218, 0.3159.

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

78.0149, 0.3218, 0.3159

Protanopia

77.9342, 0.3078, 0.3176

Deuteranopia

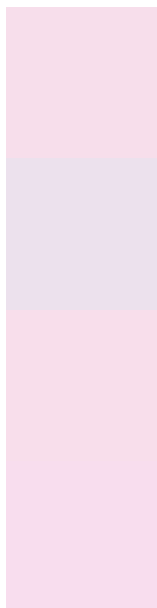
78.1972, 0.3225, 0.3159



Tritanopia

77.9014, 0.3199, 0.3110

Trichromacy



Original Color

78.0149, 0.3218, 0.3159

Protanomaly

77.7977, 0.3126, 0.3166

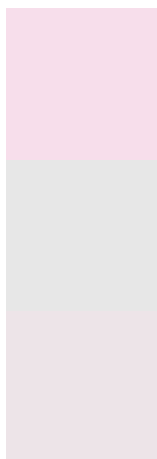
Deuteranomaly

78.1972, 0.3225, 0.3159

Tritanomaly

77.8424, 0.3206, 0.3119

Monochromacy



Original Color

78.0149, 0.3218, 0.3159

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.3175, 0.3164, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.0149, 0.3218, 0.3159 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(247, 222, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 222, 235) }
```

Border

The CSS property to change the border of an element to Yxy 78.0149, 0.3218, 0.3159 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, 235) }
```

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

```
.border{ border-color:rgb(247, 222, 235) }
```

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, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 222, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 222, 235);  
box-shadow:4px 4px 4px 4px rgb(247, 222,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 78.0149, 0.3218, 0.3159 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, 235) }
```

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

```
.background{ background-color: rgb(247,  
222, 235) }
```

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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