

Converting Colors

$Yxy(74.9124, 0.3215, 0.3122)$

Have a look what the booklet for
Yxy(74.9124, 0.3215, 0.3122)
contains.

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Color

Yxy(74.9787, 0.3214, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	F5D9EA
RGB	245, 217, 234
RGB Percent	96%, 85%, 92%
CMY	0.0394, 0.1489, 0.0823
CMYK	0.00, 0.11, 0.04, 0.04
HSL	323°, 58%, 91%
HSV	323°, 11%, 96%
XYZ	77.3120, 74.9787, 88.2569
YIQ	227.3100, 11.2310, 11.2230

Conversions

Conversions Part 2

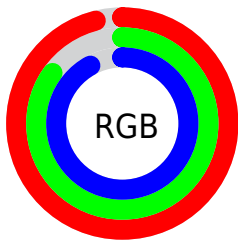
Format	Color
R _Y B	245, 217, 234
Decimal	16112106
CIE Lab	89.38, 12.50, -4.78
CIE LCh	89, 13.384, 339.064
Yxy	74.9787, 0.3214, 0.3117
Android (android.graphics.Color)	4294302186 (0xFFFF5D9EA)
YUV	227.3100, 3.2982, 15.5141
Hunter-Lab	86.5902, 7.8406, 0.1820

Details

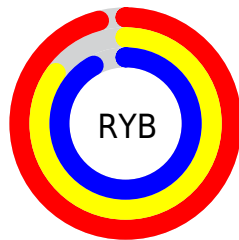
The Yxy color **74.9787, 0.3214, 0.3117** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.6332, 0.3049, 0.3470**, and the grayscale version is **77.0225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8738, 0.3241, 0.3081** is the 20% darker color. If you saturate the color by 10%, you get **62.7397, 0.3306, 0.2958**, and if you desaturate by 10%, it is **89.1284, 0.3137, 0.3269**.

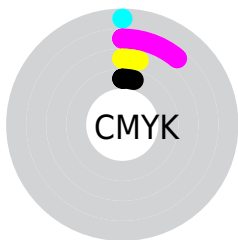
Distribution



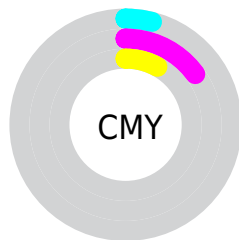
- Red (96%)
- Green (85%)
- Blue (92%)



- Red (96%)
- Yellow (85%)
- Blue (92%)



- Cyan (0%)
- Magenta (11%)
- Yellow (4%)
- Black (4%)




- Cyan (4%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9787, 0.3214, 0.3117 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 74.9787, 0.3214, 0.3117 by changing the saturation by 10% instead.

 74.9787, 0.3214,
0.3117

 74.9787, 0.3214,
0.3117


477.8444, 0.3175,
0.3196

 55.5954, 0.3223,
0.3099

126.2822, 0.3200,
0.3144

 39.8787, 0.3234,
0.3078


158.9713, 0.3195,
0.3155

 27.4439, 0.3247,
0.3051


196.8643, 0.3191,
0.3164

 17.9069, 0.3265,
0.3016


240.3459, 0.3187,
0.3172

 10.8832, 0.3289,
0.2969

289.8003, 0.3183,
0.3179

 5.9883, 0.3322,
0.2902

345.6119, 0.3180,

 2.8380, 0.3373,

0.3185

0.2802

408.1651, 0.3177,
0.3191

■ 1.0477, 0.3459,
0.2631

■ 0.0000, 0.4803,
0.0000

■ 74.9787, 0.3214,
0.3117

■ 74.9787, 0.3214,
0.3117

■ 62.7397, 0.3306,
0.2958

■ 89.1284, 0.3137,
0.3269

■ 52.3187, 0.3414,
0.2796

■ 98.0295, 0.3076,
0.3307

■ 43.6303, 0.3541,
0.2637

■ 98.1451, 0.3065,
0.3290

■ 36.5779, 0.3685,
0.2489

■ 31.0558, 0.3847,
0.2362

■ 26.9455, 0.4021,
0.2270

■ 24.1110, 0.4202,
0.2223

■ 22.3891, 0.4382,
0.2229

■ 21.5781, 0.4533,
0.2271

Harmonies

Analogous

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



74.9787, 0.3052, 0.3039



74.9787, 0.3214, 0.3117



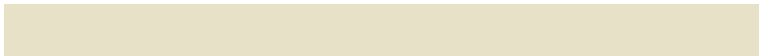
74.9787, 0.3355, 0.3239

Triad

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



74.9787, 0.3214, 0.3117



74.9787, 0.3341, 0.3565



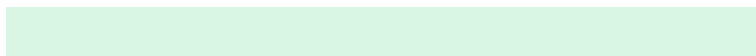
74.9787, 0.2829, 0.3190

Complementary

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



74.9787, 0.3214, 0.3117



85.6332, 0.3049, 0.3470

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.



74.9787, 0.2902, 0.3337



74.9787, 0.3214, 0.3117



74.9787, 0.3196, 0.3557

Square

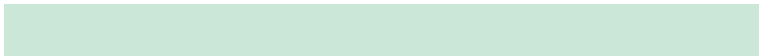
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



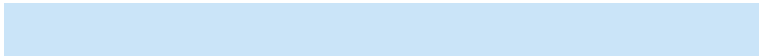
74.9787, 0.3214, 0.3117



74.9787, 0.3429, 0.3496



74.9787, 0.3036, 0.3473



74.9787, 0.2833, 0.3077

Rectangle

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



74.9787, 0.3214, 0.3117



74.9787, 0.3417, 0.3331



74.9787, 0.3036, 0.3473



74.9787, 0.2845, 0.3237

Sweetspot

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



74.9820, 0.3214, 0.3117



95.0245, 0.3148, 0.3246



72.6747, 0.3020, 0.2998



20.0616, 0.3154, 0.3233



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.



74.9820, 0.3214, 0.3117



78.4323, 0.3237, 0.3076



74.2221, 0.3309, 0.3257



16.6520, 0.3198, 0.3147



11.6570, 0.4506, 0.2256



1.0447, 0.4299, 0.2142

Inverse Universe

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



74.9820, 0.3214, 0.3117



78.4323, 0.3237, 0.3076



86.4272, 0.2970, 0.3324



16.6520, 0.3198, 0.3147



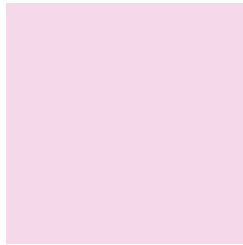
11.6570, 0.4506, 0.2256



1.0447, 0.4299, 0.2142

Previews

White Background



This preview shows how the Yxy color 74.9787, 0.3214, 0.3117 looks on a white background.

Color Contrast Check

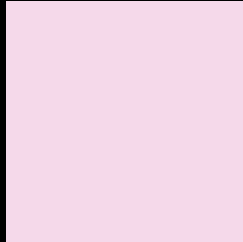
Large Text (above 18pt) WCAG AA × Fail

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 74.9787, 0.3214, 0.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

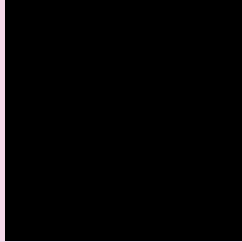
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.9787, 0.3214, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 74.9787, 0.3214, 0.3117.

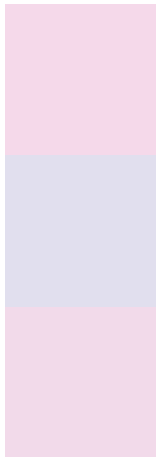


This preview shows how white text looks on a background with the Yxy color 74.9787, 0.3214, 0.3117.

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

74.9787, 0.3214, 0.3117

Protanopia

74.9560, 0.3045, 0.3132

Deuteranopia

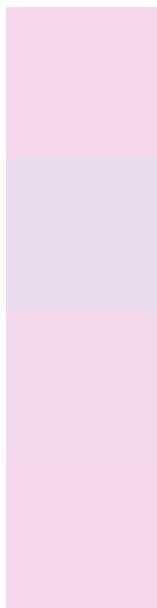
74.9606, 0.3192, 0.3126



Tritanopia

74.9787, 0.3214, 0.3117

Trichromacy



Original Color

74.9787, 0.3214, 0.3117

Protanomaly

74.9831, 0.3100, 0.3123

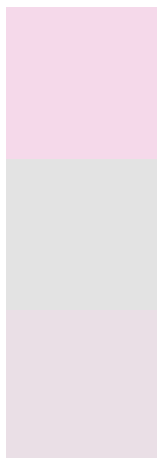
Deuteranomaly

75.1380, 0.3199, 0.3127

Tritanomaly

74.9787, 0.3214, 0.3117

Monochromacy



Original Color

74.9787, 0.3214, 0.3117

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.9809, 0.3159, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9787, 0.3214, 0.3117 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, 217, 234)` looks like.

```
.text, #text, p{  
    color:rgb(245, 217, 234)  
}
```

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, 217, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 217, 234) }
```

Border

The CSS property to change the border of an element to Yxy 74.9787, 0.3214, 0.3117 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, 217, 234) }
```

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

```
.border{ border-color:rgb(245, 217, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 217, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 217, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 217, 234);  
box-shadow:4px 4px 4px 4px rgb(245, 217,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9787, 0.3214, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 217, 234) }
```

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

```
.background{ background-color: rgb(245,  
217, 234) }
```

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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