

Converting Colors

$Yxy(74.7749, 0.3142, 0.3031)$

Have a look what the booklet for
Yxy(74.7749, 0.3142, 0.3031)
contains.

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Color

Yxy(74.9138, 0.3139, 0.3036)

Conversions

Conversions Part 1

Format	Color
Hex	F2D9F2
RGB	242, 217, 242
RGB Percent	95%, 85%, 95%
CMY	0.0510, 0.1490, 0.0510
CMYK	0.00, 0.10, 0.00, 0.05
HSL	300°, 49%, 90%
HSV	300°, 10%, 95%
XYZ	77.4553, 74.9138, 94.3825
YIQ	227.3250, 6.8750, 13.0750

Conversions

Conversions Part 2

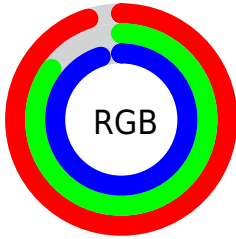
Format	Color
R _Y B	242, 217, 242
Decimal	15915506
CIE Lab	89.35, 12.92, -9.05
CIE LCh	89, 15.776, 324.981
Yxy	74.9138, 0.3139, 0.3036
Android (android.graphics.Color)	4294105586 (0xFFFF2D9F2)
YUV	227.3250, 7.2348, 12.8700
Hunter-Lab	86.5528, 8.2708, -4.0666

Details

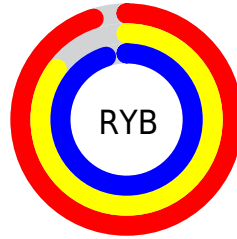
The Yxy color **74.9138, 0.3139, 0.3036** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **83.2706, 0.3115, 0.3558**, and the grayscale version is **77.0088, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8249, 0.3142, 0.2977** is the 20% darker color. If you saturate the color by 10%, you get **63.3403, 0.3151, 0.2785**, and if you desaturate by 10%, it is **88.3231, 0.3128, 0.3282**.

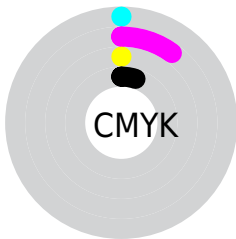
Distribution



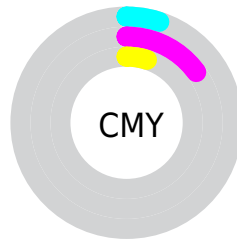
- Red (95%)
- Green (85%)
- Blue (95%)



- Red (95%)
- Yellow (85%)
- Blue (95%)



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





- Cyan (5%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9138, 0.3139, 0.3036 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 74.9138, 0.3139, 0.3036 by changing the saturation by 10% instead.


 74.9138, 0.3139,
0.3036

 74.9138, 0.3139,
0.3036


477.6212, 0.3135,
0.3151

 55.5423, 0.3140,
0.3010


126.1903, 0.3138,
0.3075

 39.8361, 0.3141,
0.2979


158.8641, 0.3137,
0.3091

 27.4107, 0.3141,
0.2940


196.7408, 0.3137,
0.3104

 17.8819, 0.3142,
0.2890

240.2048, 0.3136,
0.3116

 10.8653, 0.3143,
0.2823

289.6404, 0.3136,
0.3126

 5.9763, 0.3143,
0.2729

345.4321, 0.3135,

 2.8307, 0.3141,

0.3135

0.2589

407.9642, 0.3135,
0.3143

■ 1.0440, 0.3131,
0.2356

■ 0.0000, 0.3083,
0.0000

■ 74.9138, 0.3139,
0.3036

■ 74.9138, 0.3139,
0.3036

■ 63.3403, 0.3151,
0.2785

■ 88.3231, 0.3128,
0.3282

■ 53.5135, 0.3162,
0.2535

■ 96.8104, 0.3121,
0.3418


■ 45.3516, 0.3173,
0.2297


■ 96.8122, 0.3121,
0.3418

■ 38.7623, 0.3184,
0.2079


■ 96.8141, 0.3121,
0.3418


 33.6446, 0.3192,
0.1891


 96.8159, 0.3121,
0.3418


 29.8855, 0.3199,
0.1741


 96.8178, 0.3121,
0.3418

 27.3557, 0.3204,
0.1633

 96.8196, 0.3122,
0.3418

 25.9010, 0.3207,
0.1569

 96.8215, 0.3122,
0.3418

 25.2701, 0.3208,
0.1541

 96.8233, 0.3122,
0.3418

Harmonies

Analogous

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



74.9138, 0.2955, 0.2976



74.9138, 0.3139, 0.3036



74.9138, 0.3324, 0.3158

Triad

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



74.9138, 0.3139, 0.3036



74.9138, 0.3439, 0.3585



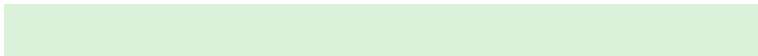
74.9138, 0.2807, 0.3250

Complementary

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



74.9138, 0.3139, 0.3036



83.2706, 0.3115, 0.3558

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.



74.9138, 0.2929, 0.3425



74.9138, 0.3139, 0.3036



74.9138, 0.3294, 0.3622

Square

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



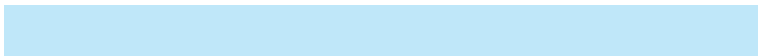
74.9138, 0.3139, 0.3036



74.9138, 0.3500, 0.3471



74.9138, 0.3107, 0.3564



74.9138, 0.2768, 0.3093

Rectangle

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



74.9138, 0.3139, 0.3036



74.9138, 0.3422, 0.3261



74.9138, 0.3107, 0.3564



74.9138, 0.2839, 0.3309

Sweetspot

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



74.9170, 0.3139, 0.3036



95.2152, 0.3131, 0.3217



71.0094, 0.2965, 0.3027



20.1132, 0.3131, 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.



74.9170, 0.3139, 0.3036



82.0041, 0.3141, 0.2993



74.2168, 0.3221, 0.3157



16.0311, 0.3138, 0.3057



13.5752, 0.3208, 0.1541



1.1294, 0.3208, 0.1541

Inverse Universe

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



73.5188, 0.3310, 0.3290



80.1908, 0.3345, 0.3291



83.9208, 0.3043, 0.3427



15.7590, 0.3293, 0.3290



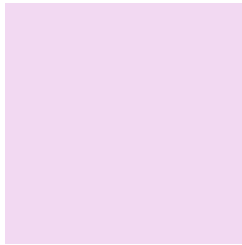
10.1412, 0.6400, 0.3299



0.8437, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 74.9138, 0.3139, 0.3036 looks on a white background.

Color Contrast Check

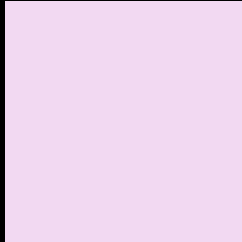
Large Text (above 18pt) WCAG AA × Fail

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 74.9138, 0.3139, 0.3036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

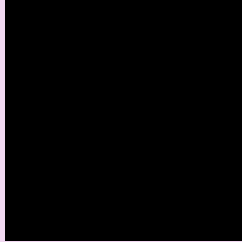
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

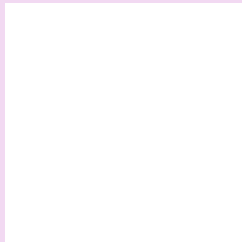
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.9138, 0.3139, 0.3036

Background



This preview shows how black text looks on a background with the Yxy color 74.9138, 0.3139, 0.3036.



This preview shows how white text looks on a background with the Yxy color 74.9138, 0.3139, 0.3036.

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

74.9138, 0.3139, 0.3036

Protanopia

74.9588, 0.2975, 0.3048

Deuteranopia

74.9043, 0.3117, 0.3045



Tritanopia

74.8417, 0.3178, 0.3116

Trichromacy



Original Color

74.9138, 0.3139, 0.3036

Protanomaly

74.9635, 0.3028, 0.3041

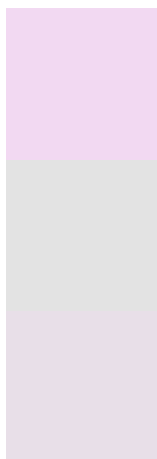
Deuteranomaly

75.0789, 0.3124, 0.3045

Tritanomaly

75.0166, 0.3158, 0.3086

Monochromacy



Original Color

74.9138, 0.3139, 0.3036

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.7574, 0.3132, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9138, 0.3139, 0.3036 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(242, 217, 242)` looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 242)  
}
```

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(242, 217, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 242) }
```

Border

The CSS property to change the border of an element to Yxy 74.9138, 0.3139, 0.3036 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(242, 217, 242) }
```

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

```
.border{ border-color:rgb(242, 217, 242) }
```

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

Here you see how a box with a 4 pixel rgb(242, 217, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 217, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 217, 242);  
box-shadow:4px 4px 4px 4px rgb(242, 217,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9138, 0.3139, 0.3036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 217, 242) }
```

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

```
.background{ background-color: rgb(242,  
217, 242) }
```

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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