

Converting Colors

$Y_{xy}(73.8292, 0.3123, 0.3018)$

Have a look what the booklet for
Yxy(73.8292, 0.3123, 0.3018)
contains.

Yxy(74.0478, 0.3125, 0.3024)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.0478, 0.3125, 0.3024)

Conversions

Conversions Part 1

Format	Color
Hex	F0D8F2
RGB	240, 216, 242
RGB Percent	94%, 85%, 95%
CMY	0.0589, 0.1529, 0.0508
CMYK	0.01, 0.11, 0.00, 0.05
HSL	295°, 50%, 90%
HSV	295°, 11%, 95%
XYZ	76.5210, 74.0478, 94.2983
YIQ	226.1400, 5.9580, 13.1740

Conversions

Conversions Part 2

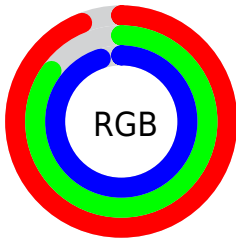
Format	Color
R _Y B	240, 216, 242
Decimal	15784178
CIE Lab	88.95, 12.79, -9.70
CIE LCh	89, 16.052, 322.828
Yxy	74.0478, 0.3125, 0.3024
Android (android.graphics.Color)	4293974258 (0xFFFF0D8F2)
YUV	226.1400, 7.8190, 12.1552
Hunter-Lab	86.0510, 8.1420, -4.7367

Details

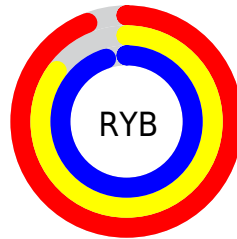
The Yxy color **74.0478, 0.3125, 0.3024** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **83.4032, 0.3127, 0.3569**, and the grayscale version is **76.1017, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2253, 0.3124, 0.2962** is the 20% darker color. If you saturate the color by 10%, you get **62.2164, 0.3121, 0.2769**, and if you desaturate by 10%, it is **87.7159, 0.3127, 0.3272**.

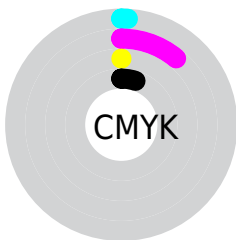
Distribution



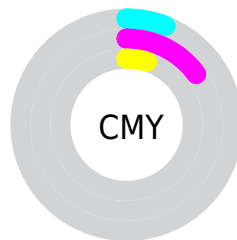
- Red (94%)
- Green (85%)
- Blue (95%)



- Red (94%)
- Yellow (85%)
- Blue (95%)



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)




- Cyan (6%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0478, 0.3125, 0.3024 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 74.0478, 0.3125, 0.3024 by changing the saturation by 10% instead.


 74.0478, 0.3125,
0.3024

 74.0478, 0.3125,
0.3024


474.6383, 0.3127,
0.3144

 54.8332, 0.3124,
0.2997

124.9636, 0.3126,
0.3065

 39.2682, 0.3123,
0.2964


157.4335, 0.3126,
0.3081

 26.9684, 0.3122,
0.2923


195.0906, 0.3126,
0.3095

 17.5495, 0.3120,
0.2870

238.3194, 0.3127,
0.3108

 10.6270, 0.3116,
0.2800

287.5041, 0.3127,
0.3118

 5.8166, 0.3110,
0.2701

343.0293, 0.3127,

 2.7339, 0.3098,

0.3128

0.2553

405.2792, 0.3127,
0.3137

■ 0.9944, 0.3071,
0.2306

■ 0.0000, 0.2676,
0.0000

■ 74.0478, 0.3125,
0.3024

■ 74.0478, 0.3125,
0.3024

■ 62.2164, 0.3121,
0.2769

■ 87.7159, 0.3127,
0.3272

■ 52.1324, 0.3115,
0.2513

■ 97.1323, 0.3132,
0.3417

■ 43.7137, 0.3106,
0.2265

■ 97.4750, 0.3144,
0.3417

■ 36.8676, 0.3095,
0.2036

■ 97.8213, 0.3156,
0.3416

31.4926, 0.3081,
0.1834

98.1711, 0.3168,
0.3416

27.4749, 0.3064,
0.1669

98.5245, 0.3180,
0.3415

24.6844, 0.3046,
0.1547

98.8814, 0.3192,
0.3415

22.9656, 0.3027,
0.1470

99.1935, 0.3202,
0.3414

22.0961, 0.3009,
0.1431

Harmonies

Analogous

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



74.0478, 0.2940, 0.2969



74.0478, 0.3125, 0.3024



74.0478, 0.3316, 0.3145

Triad

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



74.0478, 0.3125, 0.3024



74.0478, 0.3453, 0.3585



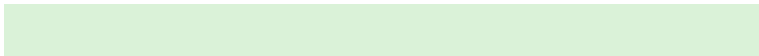
74.0478, 0.2806, 0.3262

Complementary

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



74.0478, 0.3125, 0.3024



83.4032, 0.3127, 0.3569

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.



74.0478, 0.2937, 0.3440



74.0478, 0.3125, 0.3024



74.0478, 0.3310, 0.3630

Square

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



74.0478, 0.3125, 0.3024



74.0478, 0.3509, 0.3464



74.0478, 0.3120, 0.3578



74.0478, 0.2760, 0.3099

Rectangle

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



74.0478, 0.3125, 0.3024



74.0478, 0.3419, 0.3249



74.0478, 0.3120, 0.3578



74.0478, 0.2841, 0.3323

Sweetspot

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



74.0510, 0.3125, 0.3024



95.1016, 0.3127, 0.3217



71.2459, 0.2958, 0.3034



20.0824, 0.3127, 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.



74.0510, 0.3125, 0.3024



80.1507, 0.3124, 0.2966



73.7793, 0.3213, 0.3134



15.9643, 0.3125, 0.3056



11.8931, 0.3012, 0.1433



1.0081, 0.3040, 0.1448

Inverse Universe

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



73.0637, 0.3304, 0.3269



78.8299, 0.3348, 0.3265



83.6685, 0.3050, 0.3451



15.7791, 0.3281, 0.3272



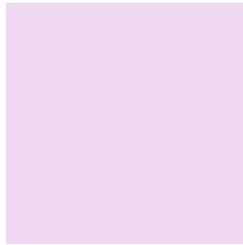
10.1740, 0.6315, 0.3252



0.8533, 0.6110, 0.3139

Previews

White Background



This preview shows how the Yxy color 74.0478, 0.3125, 0.3024 looks on a white background.

Color Contrast Check

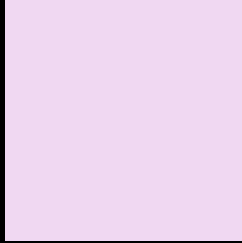
Large Text (above 18pt) WCAG AA × Fail

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 74.0478, 0.3125, 0.3024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

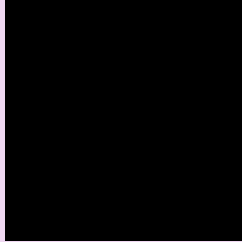
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

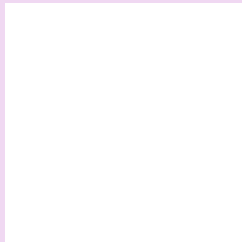
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0478, 0.3125, 0.3024

Background



This preview shows how black text looks on a background with the Yxy color 74.0478, 0.3125, 0.3024.

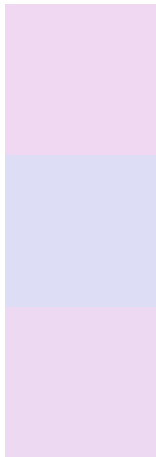


This preview shows how white text looks on a background with the Yxy color 74.0478, 0.3125, 0.3024.

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

74.0478, 0.3125, 0.3024

Protanopia

74.2685, 0.2968, 0.3037

Deuteranopia

74.0410, 0.3104, 0.3033



Tritanopia

73.9169, 0.3171, 0.3115

Trichromacy



Original Color

74.0478, 0.3125, 0.3024

Protanomaly

74.2730, 0.3021, 0.3030

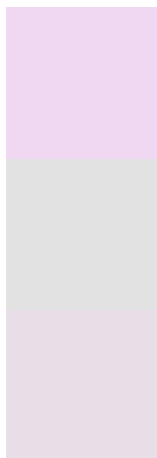
Deuteranomaly

74.2137, 0.3111, 0.3034

Tritanomaly

74.0909, 0.3151, 0.3084

Monochromacy



Original Color

74.0478, 0.3125, 0.3024

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.0577, 0.3125, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0478, 0.3125, 0.3024 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(240, 216, 242)` looks like.

```
.text, #text, p{  
    color:rgb(240, 216, 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(240, 216, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 216, 242) }
```

Border

The CSS property to change the border of an element to Yxy 74.0478, 0.3125, 0.3024 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(240, 216, 242) }
```

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

```
.border{ border-color:rgb(240, 216, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 216, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 216, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 216, 242); box-shadow:4px 4px 4px 4px rgb(240, 216, 242) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0478, 0.3125, 0.3024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 216, 242) }
```

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

```
.background{ background-color: rgb(240,  
216, 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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