

Converting Colors

$Yxy(77.4282, 0.3334, 0.3028)$

Have a look what the booklet for
Yxy(77.4282, 0.3334, 0.3028)
contains.

Yxy(75.1398, 0.3249, 0.3023)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.1398, 0.3249, 0.3023)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5F0
RGB	255, 213, 240
RGB Percent	100%, 84%, 94%
CMY	0.0000, 0.1647, 0.0589
CMYK	0.00, 0.16, 0.06, 0.00
HSL	321°, 100%, 92%
HSV	321°, 16%, 100%
XYZ	80.7573, 75.1398, 92.6633
YIQ	228.6360, 16.3650, 17.3010

Conversions

Conversions Part 2

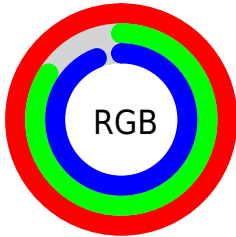
Format	Color
R _{YB}	255, 213, 240
Decimal	16766448
CIE _{Lab}	89.46, 19.01, -7.71
CIE _{LCh}	89, 20.511, 337.933
Y _{xy}	75.1398, 0.3249, 0.3023
Android (android.graphics.Color)	4294956528 (0xFFFFD5F0)
Y _{UV}	228.6360, 5.6025, 23.1212
Hunter-Lab	86.6832, 14.6015, -2.7020

Details

The Yxy color **75.1398, 0.3249, 0.3023** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **91.2677, 0.3023, 0.3573**, and the grayscale version is **78.0233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9202, 0.3276, 0.2961** is the 20% darker color. If you saturate the color by 10%, you get **62.7784, 0.3341, 0.2853**, and if you desaturate by 10%, it is **89.5518, 0.3171, 0.3188**.

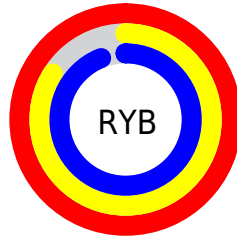
Distribution



Red (100%)

Green (84%)

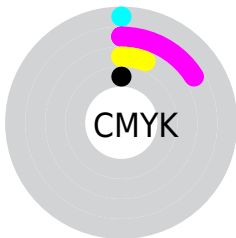
Blue (94%)



Red (100%)

Yellow (84%)

Blue (94%)

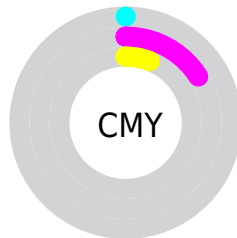


Cyan (0%)

Magenta (16%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1398, 0.3249, 0.3023 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 75.1398, 0.3249, 0.3023 by changing the saturation by 10% instead.

 75.1398, 0.3249,
0.3023

 75.1398, 0.3249,
0.3023


478.3979, 0.3194,
0.3143

 55.7274, 0.3261,
0.2996


126.5102, 0.3230,
0.3064

 39.9844, 0.3276,
0.2964

159.2371, 0.3223,
0.3080

 27.5264, 0.3294,
0.2923


197.1709, 0.3217,
0.3094

 17.9690, 0.3318,
0.2871

240.6960, 0.3211,
0.3106

 10.9277, 0.3350,
0.2801

290.1969, 0.3206,
0.3117

 6.0182, 0.3394,
0.2705

346.0579, 0.3202,

 2.8562, 0.3459,

0.3127

0.2560

408.6635, 0.3198,
0.3135

■ 1.0571, 0.3566,
0.2324

■ 0.0000, 0.4623,
0.0000

■ 75.1398, 0.3249,
0.3023

■ 75.1398, 0.3249,
0.3023

■ 62.7784, 0.3341,
0.2853

■ 89.5518, 0.3171,
0.3188

■ 52.3634, 0.3449,
0.2683

99.9990, 0.3127,
0.3290

■ 43.7962, 0.3573,
0.2521

■ 36.9656, 0.3712,
0.2375

■ 31.7483, 0.3863,
0.2259

■ 28.0049, 0.4023,
0.2182

■ 25.5716, 0.4185,
0.2154

■ 24.2442, 0.4343,
0.2179

■ 23.9306, 0.4398,
0.2196

Harmonies

Analogous

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



75.1398, 0.3001, 0.2909



75.1398, 0.3249, 0.3023



75.1398, 0.3471, 0.3203

Triad

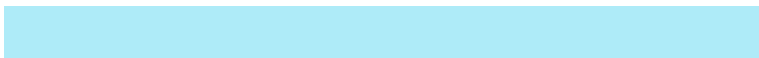
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1398, 0.3249, 0.3023



75.1398, 0.3460, 0.3709



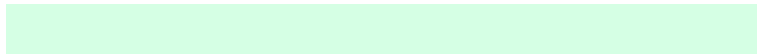
75.1398, 0.2678, 0.3141

Complementary

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



75.1398, 0.3249, 0.3023



91.2677, 0.3023, 0.3573

Split Complementary

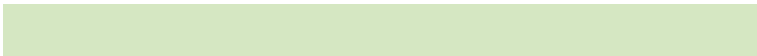
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.1398, 0.2791, 0.3368



75.1398, 0.3249, 0.3023



75.1398, 0.3239, 0.3708

Square

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



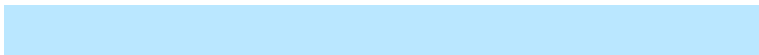
75.1398, 0.3249, 0.3023



75.1398, 0.3594, 0.3595



75.1398, 0.2994, 0.3581



75.1398, 0.2679, 0.2967

Rectangle

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



75.1398, 0.3249, 0.3023



75.1398, 0.3570, 0.3340



75.1398, 0.2994, 0.3581



75.1398, 0.2703, 0.3213

Sweetspot

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



75.1431, 0.3249, 0.3023



91.8428, 0.3161, 0.3211



71.2600, 0.2956, 0.2856



19.4220, 0.3165, 0.3200



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.



75.1431, 0.3249, 0.3023



70.5457, 0.3280, 0.2963



73.9842, 0.3396, 0.3227



18.1836, 0.3193, 0.3138



12.5344, 0.4373, 0.2183



1.2413, 0.4205, 0.2090

Inverse Universe

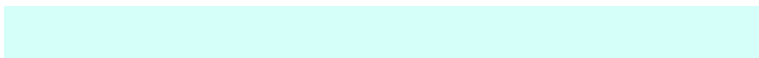
The Inverse Universe completely reimagines the original color for something new.



75.1431, 0.3249, 0.3023



70.5457, 0.3280, 0.2963



92.4851, 0.2911, 0.3354



18.1836, 0.3193, 0.3138



12.5344, 0.4373, 0.2183



1.2413, 0.4205, 0.2090

Previews

White Background



This preview shows how the Yxy color 75.1398, 0.3249, 0.3023 looks on a white background.

Color Contrast Check

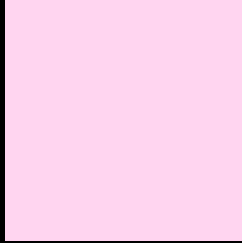
Large Text (above 18pt) WCAG AA × Fail

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 75.1398, 0.3249, 0.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

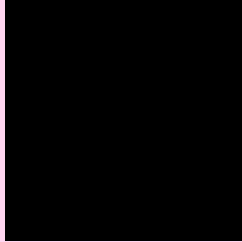
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.1398, 0.3249, 0.3023

Background



This preview shows how black text looks on a background with the Yxy color 75.1398, 0.3249, 0.3023.



This preview shows how white text looks on a background with the Yxy color 75.1398, 0.3249, 0.3023.

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

75.1398, 0.3249, 0.3023

Protanopia

75.6531, 0.2981, 0.3059

Deuteranopia

75.0756, 0.3151, 0.3076



Tritanopia

74.9335, 0.3304, 0.3120

Trichromacy



Original Color

75.1398, 0.3249, 0.3023

Protanomaly

75.3802, 0.3076, 0.3043

Deuteranomaly

74.9366, 0.3188, 0.3058

Tritanomaly

75.1045, 0.3283, 0.3091

Monochromacy



Original Color

75.1398, 0.3249, 0.3023

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

76.8357, 0.3167, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1398, 0.3249, 0.3023 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(255, 213, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 240)  
}
```

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(255, 213, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 240) }
```

Border

The CSS property to change the border of an element to Yxy 75.1398, 0.3249, 0.3023 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(255, 213, 240) }
```

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

```
.border{ border-color:rgb(255, 213, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1398, 0.3249, 0.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 240) }
```

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

```
.background{ background-color: rgb(255,  
213, 240) }
```

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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