

Converting Colors

$Y_{xy}(75.8077, 0.3231, 0.3010)$

Have a look what the booklet for
Yxy(75.8077, 0.3231, 0.3010)
contains.

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Color

Yxy(75.7639, 0.3234, 0.3013)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6F2
RGB	255, 214, 242
RGB Percent	100%, 84%, 95%
CMY	0.0000, 0.1608, 0.0508
CMYK	0.00, 0.16, 0.05, 0.00
HSL	319°, 100%, 92%
HSV	319°, 16%, 100%
XYZ	81.3211, 75.7639, 94.3717
YIQ	229.4510, 15.4480, 17.4000

Conversions

Conversions Part 2

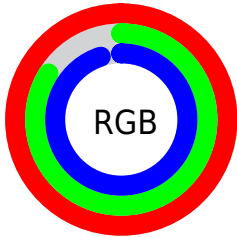
Format	Color
R_{YB}	255, 214, 242
Decimal	16766706
CIE Lab	89.75, 18.85, -8.36
CIE LCh	90, 20.624, 336.082
Yxy	75.7639, 0.3234, 0.3013
Android (android.graphics.Color)	4294956786 (0xFFFFD6F2)
YUV	229.4510, 6.1867, 22.4065
Hunter-Lab	87.0425, 14.4428, -3.3527

Details

The Yxy color $75.7639, 0.3234, 0.3013$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $91.3595, 0.3034, 0.3584$, and the grayscale version is $78.6502, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.3472, 0.3257, 0.2950$ is the 20% darker color. If you saturate the color by 10%, you get $63.3785, 0.3316, 0.2833$, and if you desaturate by 10%, it is $90.1929, 0.3164, 0.3188$.

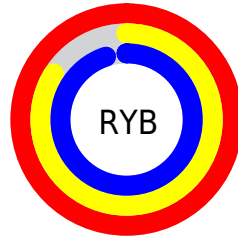
Distribution



Red (100%)

Green (84%)

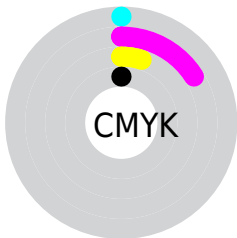
Blue (95%)



Red (100%)

Yellow (84%)

Blue (95%)

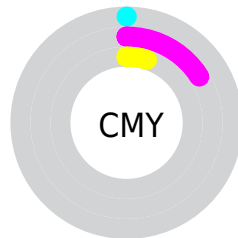


Cyan (0%)

Magenta (16%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.7639, 0.3234, 0.3013 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 75.7639, 0.3234, 0.3013 by changing the saturation by 10% instead.

 75.7639, 0.3234,
0.3013

 75.7639, 0.3234,
0.3013


480.5391, 0.3186,
0.3137

 56.2389, 0.3244,
0.2985


127.3931, 0.3218,
0.3055

 40.3945, 0.3257,
0.2952


160.2661, 0.3211,
0.3072

 27.8463, 0.3273,
0.2910


198.3573, 0.3206,
0.3087

 18.2098, 0.3293,
0.2856

242.0510, 0.3201,
0.3099

 11.1007, 0.3320,
0.2785

291.7317, 0.3197,
0.3110

 6.1346, 0.3357,
0.2686

347.7836, 0.3193,

 2.9271, 0.3412,

0.3120

0.2539

410.5913, 0.3189,
0.3129

■ 1.0938, 0.3499,
0.2299

■ 0.0000, 0.4390,
0.0000

■ 75.7639, 0.3234,
0.3013

■ 75.7639, 0.3234,
0.3013

■ 63.3785, 0.3316,
0.2833

■ 90.1929, 0.3164,
0.3188

■ 52.9399, 0.3411,
0.2653

100.0000, 0.3127,
0.3290

■ 44.3475, 0.3519,
0.2481

■ 37.4907, 0.3640,
0.2327

■ 32.2470, 0.3770,
0.2201

■ 28.4776, 0.3907,
0.2115

■ 26.0203, 0.4045,
0.2077

■ 24.6735, 0.4179,
0.2090

■ 24.3314, 0.4231,
0.2105

Harmonies

Analogous

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



75.7639, 0.2986, 0.2904



75.7639, 0.3234, 0.3013



75.7639, 0.3460, 0.3190

Triad

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



75.7639, 0.3234, 0.3013



75.7639, 0.3472, 0.3706



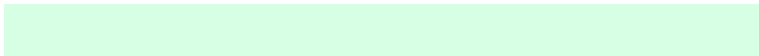
75.7639, 0.2680, 0.3153

Complementary

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



75.7639, 0.3234, 0.3013



91.3595, 0.3034, 0.3584

Split Complementary

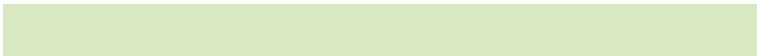
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.7639, 0.2800, 0.3383



75.7639, 0.3234, 0.3013



75.7639, 0.3254, 0.3713

Square

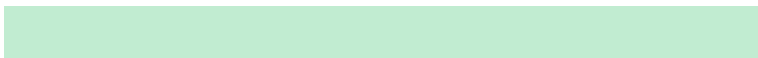
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



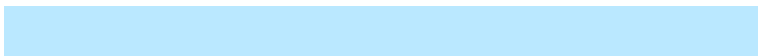
75.7639, 0.3234, 0.3013



75.7639, 0.3600, 0.3586



75.7639, 0.3009, 0.3593



75.7639, 0.2674, 0.2975

Rectangle

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



75.7639, 0.3234, 0.3013



75.7639, 0.3564, 0.3327



75.7639, 0.3009, 0.3593



75.7639, 0.2708, 0.3227

Sweetspot

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



75.7649, 0.3234, 0.3013



91.8763, 0.3157, 0.3206



71.5287, 0.2947, 0.2866



19.4302, 0.3162, 0.3194



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.



75.7649, 0.3234, 0.3013



71.9404, 0.3257, 0.2961



74.6363, 0.3374, 0.3208



18.1969, 0.3187, 0.3129



12.7419, 0.4210, 0.2093



1.2605, 0.4067, 0.2014

Inverse Universe

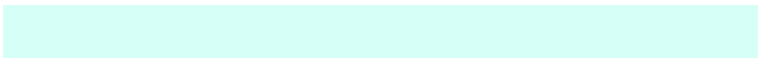
The Inverse Universe completely reimagines the original color for something new.



75.7649, 0.3234, 0.3013



71.9404, 0.3257, 0.2961



92.5187, 0.2926, 0.3374



18.1969, 0.3187, 0.3129



12.7419, 0.4210, 0.2093



1.2605, 0.4067, 0.2014

Previews

White Background



This preview shows how the Yxy color 75.7639, 0.3234, 0.3013 looks on a white background.

Color Contrast Check

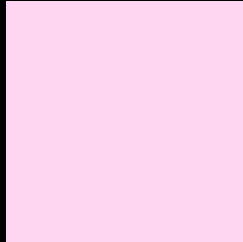
Large Text (above 18pt) WCAG AA × Fail

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 75.7639, 0.3234, 0.3013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

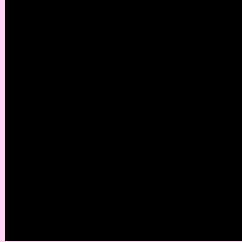
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.7639, 0.3234, 0.3013

Background



This preview shows how black text looks on a background with the Yxy color 75.7639, 0.3234, 0.3013.



This preview shows how white text looks on a background with the Yxy color 75.7639, 0.3234, 0.3013.

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

75.7639, 0.3234, 0.3013

Protanopia

75.7766, 0.2969, 0.3039

Deuteranopia

75.7147, 0.3138, 0.3066



Tritanopia

76.0088, 0.3295, 0.3130

Trichromacy



Original Color

75.7639, 0.3234, 0.3013

Protanomaly

75.5024, 0.3063, 0.3023

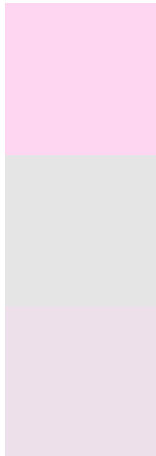
Deuteranomaly

75.5694, 0.3174, 0.3048

Tritanomaly

75.7278, 0.3268, 0.3081

Monochromacy



Original Color

75.7639, 0.3234, 0.3013

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.4290, 0.3160, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7639, 0.3234, 0.3013 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, 214, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 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(255, 214, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 242) }
```

Border

The CSS property to change the border of an element to Yxy 75.7639, 0.3234, 0.3013 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, 214, 242) }
```

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

```
.border{ border-color:rgb(255, 214, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7639, 0.3234, 0.3013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 242) }
```

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

```
.background{ background-color: rgb(255,  
214, 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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