

Converting Colors

$Yxy(73.5483, 0.3259, 0.3003)$

Have a look what the booklet for
Yxy(73.5483, 0.3259, 0.3003)
contains.

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Color

Yxy(73.5852, 0.3258, 0.3002)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2EF
RGB	255, 210, 239
RGB Percent	100%, 82%, 94%
CMY	0.0001, 0.1764, 0.0626
CMYK	0.00, 0.18, 0.06, 0.00
HSL	321°, 100%, 91%
HSV	321°, 18%, 100%
XYZ	79.8603, 73.5852, 91.6751
YIQ	226.7610, 17.5110, 18.5590

Conversions

Conversions Part 2

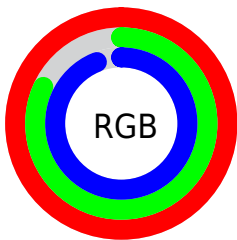
Format	Color
R _Y B	255, 210, 239
Decimal	16765679
CIE Lab	88.73, 20.40, -8.29
CIE LCh	89, 22.025, 337.884
Yxy	73.5852, 0.3258, 0.3002
Android (android.graphics.Color)	4294955759 (0xFFFFD2EF)
YUV	226.7610, 6.0338, 24.7656
Hunter-Lab	85.7818, 16.0599, -3.3160

Details

The Yxy color **73.5852, 0.3258, 0.3002** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.6918, 0.3016, 0.3597**, and the grayscale version is **76.5802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8674, 0.3289, 0.2935** is the 20% darker color. If you saturate the color by 10%, you get **61.4632, 0.3351, 0.2831**, and if you desaturate by 10%, it is **87.7460, 0.3179, 0.3168**.

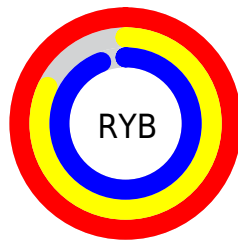
Distribution



Red (100%)

Green (82%)

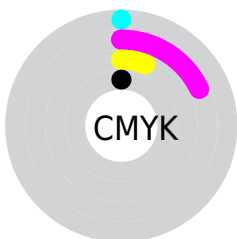
Blue (94%)



Red (100%)

Yellow (82%)

Blue (94%)

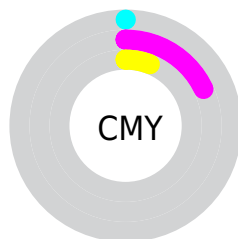


Cyan (0%)

Magenta (18%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.5852, 0.3258, 0.3002 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 73.5852, 0.3258, 0.3002 by changing the saturation by 10% instead.


 73.5852, 0.3258,
0.3002

 73.5852, 0.3258,
0.3002

473.0405, 0.3199,
0.3132

 54.4546, 0.3271,
0.2973

124.3076, 0.3238,
0.3046

 38.9652, 0.3287,
0.2938


156.6682, 0.3230,
0.3064

 26.7327, 0.3307,
0.2894


194.2077, 0.3223,
0.3079

 17.3726, 0.3333,
0.2837

237.3103, 0.3217,
0.3092

 10.5005, 0.3367,
0.2762

286.3605, 0.3212,
0.3104

 5.7320, 0.3414,
0.2656

341.7426, 0.3207,


 2.6828, 0.3485,


0.3114


0.2499


403.8412, 0.3203,
0.3123

 0.9685, 0.3602,
0.2240


 0.0000, 0.4607,
0.0000

 73.5852, 0.3258,
0.3002


 73.5852, 0.3258,
0.3002


 61.4632, 0.3351,
0.2831

 87.7460, 0.3179,
0.3168

 51.2752, 0.3460,
0.2661

99.9938, 0.3127,
0.3290

 42.9217, 0.3584,
0.2499

 36.2902, 0.3723,
0.2356

■ 31.2558, 0.3875,
0.2243

■ 27.6769, 0.4033,
0.2171

■ 25.3862, 0.4193,
0.2149

■ 24.1636, 0.4348,
0.2178

■ 23.9540, 0.4385,
0.2189

Harmonies

Analogous

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



73.5852, 0.2990, 0.2879



73.5852, 0.3258, 0.3002



73.5852, 0.3498, 0.3195

Triad

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



73.5852, 0.3258, 0.3002



73.5852, 0.3487, 0.3743



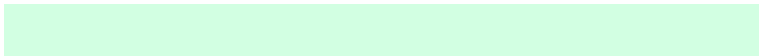
73.5852, 0.2642, 0.3128

Complementary

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



73.5852, 0.3258, 0.3002



90.6918, 0.3016, 0.3597

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.



73.5852, 0.2764, 0.3374



73.5852, 0.3258, 0.3002



73.5852, 0.3248, 0.3744

Square

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



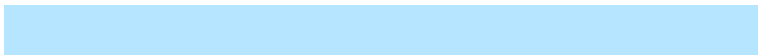
73.5852, 0.3258, 0.3002



73.5852, 0.3632, 0.3618



73.5852, 0.2984, 0.3606



73.5852, 0.2644, 0.2941

Rectangle

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



73.5852, 0.3258, 0.3002



73.5852, 0.3606, 0.3343



73.5852, 0.2984, 0.3606



73.5852, 0.2670, 0.3206

Sweetspot

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



73.5884, 0.3258, 0.3002



91.8454, 0.3160, 0.3211



69.4472, 0.2942, 0.2823



19.4226, 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.



73.5884, 0.3258, 0.3002



69.3001, 0.3288, 0.2945



72.3521, 0.3419, 0.3222



18.1846, 0.3193, 0.3138



12.5496, 0.4361, 0.2176



1.2427, 0.4194, 0.2084

Inverse Universe

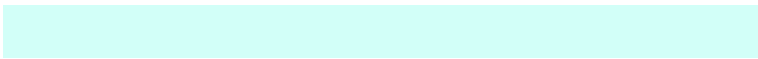
The Inverse Universe completely reimagines the original color for something new.



73.5884, 0.3258, 0.3002



69.3001, 0.3288, 0.2945



91.9944, 0.2896, 0.3359



18.1846, 0.3193, 0.3138



12.5496, 0.4361, 0.2176



1.2427, 0.4194, 0.2084

Previews

White Background



This preview shows how the Yxy color 73.5852, 0.3258, 0.3002 looks on a white background.

Color Contrast Check

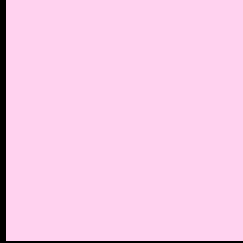
Large Text (above 18pt) WCAG AA × Fail

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 73.5852, 0.3258, 0.3002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

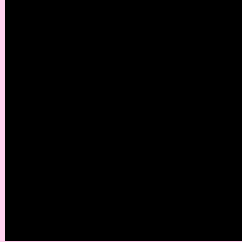
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.5852, 0.3258, 0.3002

Background



This preview shows how black text looks on a background with the Yxy color 73.5852, 0.3258, 0.3002.



This preview shows how white text looks on a background with the Yxy color 73.5852, 0.3258, 0.3002.

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

73.5852, 0.3258, 0.3002

Protanopia

73.5824, 0.2961, 0.3026

Deuteranopia

73.9759, 0.3137, 0.3074



Tritanopia

73.7592, 0.3327, 0.3130

Trichromacy



Original Color

73.5852, 0.3258, 0.3002

Protanomaly

73.4204, 0.3069, 0.3021

Deuteranomaly

73.4993, 0.3182, 0.3046

Tritanomaly

73.4856, 0.3300, 0.3080

Monochromacy



Original Color

73.5852, 0.3258, 0.3002

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.4869, 0.3175, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5852, 0.3258, 0.3002 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, 210, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 239)  
}
```

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, 210, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 239) }
```

Border

The CSS property to change the border of an element to Yxy 73.5852, 0.3258, 0.3002 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, 210, 239) }
```

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

```
.border{ border-color:rgb(255, 210, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5852, 0.3258, 0.3002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 239) }
```

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

```
.background{ background-color: rgb(255,  
210, 239) }
```

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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