

Converting Colors

$Y_{xy}(73.6462, 0.3201, 0.2914)$

Have a look what the booklet for
Yxy(73.6462, 0.3201, 0.2914)
contains.

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Color

Yxy(73.5763, 0.3203, 0.2916)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1F7
RGB	255, 209, 247
RGB Percent	100%, 82%, 97%
CMY	0.0001, 0.1803, 0.0314
CMYK	0.00, 0.18, 0.03, 0.00
HSL	310°, 100%, 91%
HSV	310°, 18%, 100%
XYZ	80.8179, 73.5763, 97.9251
YIQ	227.0860, 15.2180, 21.5700

Conversions

Conversions Part 2

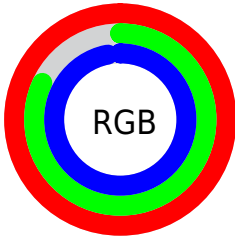
Format	Color
R _Y B	255, 209, 247
Decimal	16765431
CIE Lab	88.72, 22.30, -12.50
CIE LCh	89, 25.564, 330.735
Yxy	73.5763, 0.3203, 0.2916
Android (android.graphics.Color)	4294955511 (0xFFFFD1F7)
YUV	227.0860, 9.8176, 24.4806
Hunter-Lab	85.7766, 18.0718, -7.6436

Details

The Yxy color **73.5763, 0.3203, 0.2916** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.0678, 0.3060, 0.3695**, and the grayscale version is **76.8006, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8786, 0.3216, 0.2826** is the 20% darker color. If you saturate the color by 10%, you get **61.7817, 0.3254, 0.2702**, and if you desaturate by 10%, it is **87.3859, 0.3159, 0.3127**.

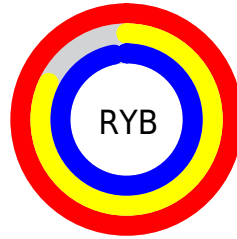
Distribution



Red (100%)

Green (82%)

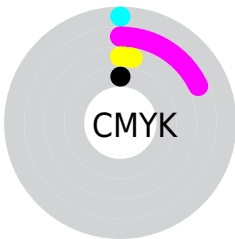
Blue (97%)



Red (100%)

Yellow (82%)

Blue (97%)

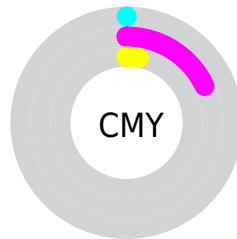


Cyan (0%)

Magenta (18%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.5763, 0.3203, 0.2916 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 73.5763, 0.3203, 0.2916 by changing the saturation by 10% instead.

 73.5763, 0.3203,
0.2916

 73.5763, 0.3203,
0.2916

473.0097, 0.3170,
0.3083

 54.4473, 0.3210,
0.2879

124.2950, 0.3192,
0.2973

 38.9594, 0.3218,
0.2834


156.6535, 0.3188,
0.2995

 26.7281, 0.3228,
0.2778


194.1907, 0.3184,
0.3015

 17.3692, 0.3240,
0.2707

237.2908, 0.3181,
0.3032

 10.4980, 0.3256,
0.2613

286.3384, 0.3178,
0.3047

 5.7304, 0.3276,
0.2482

341.7179, 0.3175,

 2.6819, 0.3303,

0.3060

0.2291

403.8135, 0.3173,
0.3072

0.9680, 0.3338,
0.1986

0.0000, 0.3629,
0.0000

73.5763, 0.3203,
0.2916

73.5763, 0.3203,
0.2916

61.7817, 0.3254,
0.2702

87.3859, 0.3159,
0.3127

51.8974, 0.3310,
0.2493

99.9939, 0.3127,
0.3290

43.8238, 0.3372,
0.2296

37.4484, 0.3438,
0.2122

■ 32.6463, 0.3506,
0.1981

■ 29.2751, 0.3574,
0.1881

■ 27.1670, 0.3640,
0.1828

■ 26.0942, 0.3703,
0.1819

■ 25.9407, 0.3715,
0.1820

Harmonies

Analogous

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



73.5763, 0.2899, 0.2799



73.5763, 0.3203, 0.2916



73.5763, 0.3499, 0.3121

Triad

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



73.5763, 0.3203, 0.2916



73.5763, 0.3596, 0.3792



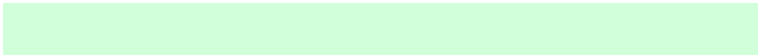
73.5763, 0.2589, 0.3164

Complementary

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



73.5763, 0.3203, 0.2916



90.0678, 0.3060, 0.3695

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.



73.5763, 0.2759, 0.3457



73.5763, 0.3203, 0.2916



73.5763, 0.3337, 0.3834

Square

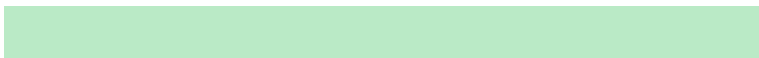
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



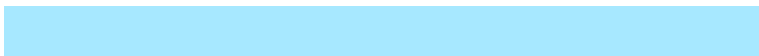
73.5763, 0.3203, 0.2916



73.5763, 0.3731, 0.3617



73.5763, 0.3030, 0.3711



73.5763, 0.2556, 0.2926

Rectangle

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



73.5763, 0.3203, 0.2916



73.5763, 0.3647, 0.3286



73.5763, 0.3030, 0.3711



73.5763, 0.2631, 0.3259

Sweetspot

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



73.5795, 0.3203, 0.2916



91.9913, 0.3146, 0.3189



67.5315, 0.2880, 0.2804



19.4582, 0.3149, 0.3174



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.



73.5795, 0.3203, 0.2916



68.6689, 0.3222, 0.2831



72.2651, 0.3365, 0.3136



18.2430, 0.3165, 0.3096



13.5783, 0.3705, 0.1815



1.3357, 0.3639, 0.1778

Inverse Universe

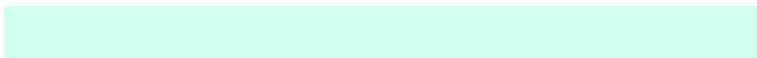
The Inverse Universe completely reimagines the original color for something new.



73.5795, 0.3203, 0.2916



68.6689, 0.3222, 0.2831



91.3285, 0.2936, 0.3450



18.2430, 0.3165, 0.3096



13.5783, 0.3705, 0.1815



1.3357, 0.3639, 0.1778

Previews

White Background



This preview shows how the Yxy color 73.5763, 0.3203, 0.2916 looks on a white background.

Color Contrast Check

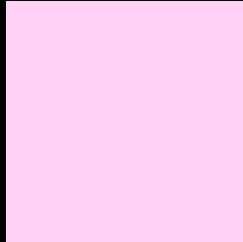
Large Text (above 18pt) WCAG AA × Fail

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 73.5763, 0.3203, 0.2916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

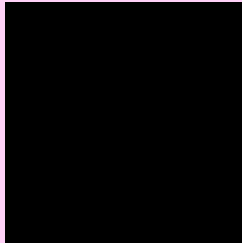
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.5763, 0.3203, 0.2916

Background



This preview shows how black text looks on a background with the Yxy color 73.5763, 0.3203, 0.2916.



This preview shows how white text looks on a background with the Yxy color 73.5763, 0.3203, 0.2916.

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

73.5763, 0.3203, 0.2916

Protanopia

73.6846, 0.2887, 0.2933

Deuteranopia

73.7107, 0.3063, 0.3001



Tritanopia

73.4396, 0.3305, 0.3119

Trichromacy



Original Color

73.5763, 0.3203, 0.2916

Protanomaly

73.6429, 0.2998, 0.2930

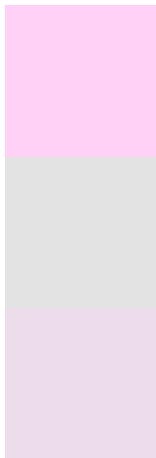
Deuteranomaly

73.6242, 0.3114, 0.2966

Tritanomaly

73.5273, 0.3264, 0.3040

Monochromacy



Original Color

73.5763, 0.3203, 0.2916

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.1314, 0.3155, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5763, 0.3203, 0.2916 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, 209, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 247)  
}
```

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, 209, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 247) }
```

Border

The CSS property to change the border of an element to Yxy 73.5763, 0.3203, 0.2916 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, 209, 247) }
```

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

```
.border{ border-color:rgb(255, 209, 247) }
```

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

Here you see how a box with a 4 pixel rgb(255, 209, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5763, 0.3203, 0.2916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 247) }
```

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

```
.background{ background-color: rgb(255,  
209, 247) }
```

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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