

Converting Colors

$Y_{xy}(73.7027, 0.3194, 0.2905)$

Have a look what the booklet for
Yxy(73.7027, 0.3194, 0.2905)
contains.

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Color

Yxy(73.6382, 0.3196, 0.2906)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1F8
RGB	255, 209, 248
RGB Percent	100%, 82%, 97%
CMY	0.0000, 0.1804, 0.0273
CMYK	0.00, 0.18, 0.03, 0.00
HSL	309°, 100%, 91%
HSV	309°, 18%, 100%
XYZ	80.9868, 73.6382, 98.7755
YIQ	227.2000, 14.8970, 21.8810

Conversions

Conversions Part 2

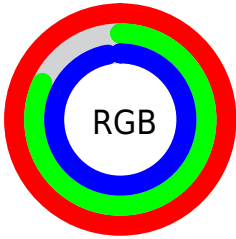
Format	Color
R _{YB}	255, 209, 248
Decimal	16765432
CIE _{Lab}	88.75, 22.50, -13.00
CIE _{LCh}	89, 25.992, 329.979
Yxy	73.6382, 0.3196, 0.2906
Android (android.graphics.Color)	4294955512 (0xFFFFD1F8)
YUV	227.2000, 10.2544, 24.3806
Hunter-Lab	85.8127, 18.2894, -8.1774

Details

The Yxy color **73.6382, 0.3196, 0.2906** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.0320, 0.3065, 0.3707**, and the grayscale version is **76.8877, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9227, 0.3207, 0.2814** is the 20% darker color. If you saturate the color by 10%, you get **61.8765, 0.3241, 0.2687**, and if you desaturate by 10%, it is **87.4138, 0.3156, 0.3122**.

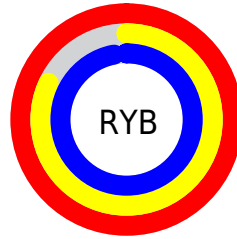
Distribution



Red (100%)

Green (82%)

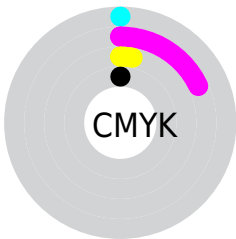
Blue (97%)



Red (100%)

Yellow (82%)

Blue (97%)

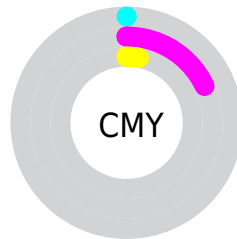


Cyan (0%)

Magenta (18%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.6382, 0.3196, 0.2906 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 73.6382, 0.3196, 0.2906 by changing the saturation by 10% instead.


 73.6382, 0.3196,
0.2906

 73.6382, 0.3196,
0.2906


473.2237, 0.3167,
0.3078

 54.4980, 0.3202,
0.2868


124.3828, 0.3186,
0.2964

 38.9999, 0.3209,
0.2822


156.7560, 0.3182,
0.2987

 26.7597, 0.3218,
0.2765


194.3089, 0.3179,
0.3007

 17.3928, 0.3229,
0.2692

237.4259, 0.3176,
0.3025

 10.5149, 0.3242,
0.2596

286.4916, 0.3173,
0.3040

 5.7417, 0.3259,
0.2463

341.8902, 0.3171,

 2.6887, 0.3281,

0.3054

0.2268

404.0061, 0.3169,
0.3066

0.9714, 0.3305,
0.1958

0.0000, 0.3552,
0.0000

73.6382, 0.3196,
0.2906

73.6382, 0.3196,
0.2906

61.8765, 0.3241,
0.2687

87.4138, 0.3156,
0.3122

52.0239, 0.3292,
0.2473

99.9999, 0.3127,
0.3290

43.9809, 0.3347,
0.2273

37.6349, 0.3405,
0.2096

■ 32.8609, 0.3464,
0.1952

■ 29.5165, 0.3523,
0.1849

■ 27.4337, 0.3579,
0.1793

■ 26.3845, 0.3633,
0.1780

■ 26.2365, 0.3643,
0.1780

Harmonies

Analogous

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



73.6382, 0.2888, 0.2790



73.6382, 0.3196, 0.2906



73.6382, 0.3499, 0.3112

Triad

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



73.6382, 0.3196, 0.2906



73.6382, 0.3609, 0.3797



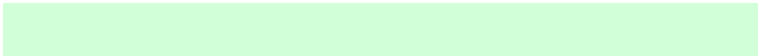
73.6382, 0.2583, 0.3168

Complementary

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



73.6382, 0.3196, 0.2906



90.0320, 0.3065, 0.3707

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.



73.6382, 0.2758, 0.3467



73.6382, 0.3196, 0.2906



73.6382, 0.3348, 0.3845

Square

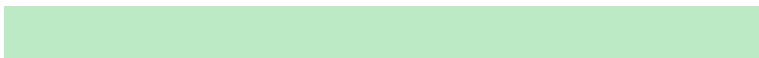
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



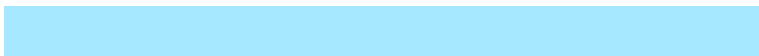
73.6382, 0.3196, 0.2906



73.6382, 0.3743, 0.3616



73.6382, 0.3036, 0.3724



73.6382, 0.2546, 0.2925

Rectangle

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



73.6382, 0.3196, 0.2906



73.6382, 0.3651, 0.3280



73.6382, 0.3036, 0.3724



73.6382, 0.2627, 0.3266

Sweetspot

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



73.6414, 0.3196, 0.2906



92.0094, 0.3145, 0.3186



67.4063, 0.2875, 0.2803



19.4626, 0.3147, 0.3171



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.



73.6414, 0.3196, 0.2906



68.7454, 0.3213, 0.2819



72.3040, 0.3360, 0.3128



18.2503, 0.3161, 0.3091



13.7271, 0.3635, 0.1776



1.3488, 0.3578, 0.1745

Inverse Universe

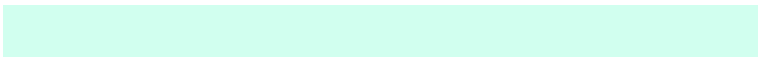
The Inverse Universe completely reimagines the original color for something new.



73.6414, 0.3196, 0.2906



68.7454, 0.3213, 0.2819



91.3017, 0.2940, 0.3458



18.2503, 0.3161, 0.3091



13.7271, 0.3635, 0.1776



1.3488, 0.3578, 0.1745

Previews

White Background



This preview shows how the Yxy color 73.6382, 0.3196, 0.2906 looks on a white background.

Color Contrast Check

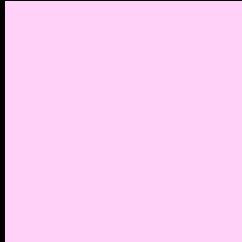
Large Text (above 18pt) WCAG AA × Fail

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 73.6382, 0.3196, 0.2906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

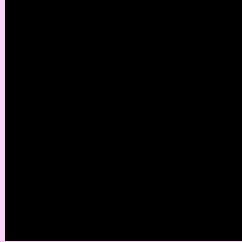
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.6382, 0.3196, 0.2906

Background



This preview shows how black text looks on a background with the Yxy color 73.6382, 0.3196, 0.2906.



This preview shows how white text looks on a background with the Yxy color 73.6382, 0.3196, 0.2906.

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

73.6382, 0.3196, 0.2906

Protanopia

73.6846, 0.2887, 0.2933

Deuteranopia

73.7720, 0.3057, 0.2991



Tritanopia

73.4396, 0.3305, 0.3119

Trichromacy



Original Color

73.6382, 0.3196, 0.2906

Protanomaly

73.6429, 0.2998, 0.2930

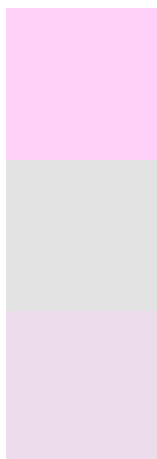
Deuteranomaly

73.6858, 0.3107, 0.2956

Tritanomaly

73.5273, 0.3264, 0.3040

Monochromacy



Original Color

73.6382, 0.3196, 0.2906

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.1891, 0.3149, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6382, 0.3196, 0.2906 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, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 248)  
}
```

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, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 248) }
```

Border

The CSS property to change the border of an element to Yxy 73.6382, 0.3196, 0.2906 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, 248) }
```

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

```
.border{ border-color:rgb(255, 209, 248) }
```

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, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6382, 0.3196, 0.2906 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, 248) }
```

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

```
.background{ background-color: rgb(255,  
209, 248) }
```

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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