

Converting Colors

Yxy(73.8151, 0.3182, 0.2888)

Have a look what the booklet for
Yxy(73.8151, 0.3182, 0.2888)
contains.

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Color

Yxy(73.7631, 0.3182, 0.2888)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1FA
RGB	255, 209, 250
RGB Percent	100%, 82%, 98%
CMY	0.0003, 0.1802, 0.0197
CMYK	0.00, 0.18, 0.02, 0.00
HSL	306°, 100%, 91%
HSV	306°, 18%, 100%
XYZ	81.2722, 73.7631, 100.3771
YIQ	227.4280, 14.2550, 22.5030

Conversions

Conversions Part 2

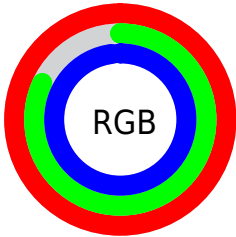
Format	Color
R_{YB}	255, 209, 250
Decimal	16765434
CIE _{Lab}	88.81, 22.81, -13.94
CIE _{LCh}	89, 26.730, 328.560
Yxy	73.7631, 0.3182, 0.2888
Android (android.graphics.Color)	4294955514 (0xFFFFD1FA)
YUV	227.4280, 11.1280, 24.1806
Hunter-Lab	85.8854, 18.6126, -9.1743

Details

The Yxy color **73.7631, 0.3182, 0.2888** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.8881, 0.3076, 0.3728**, and the grayscale version is **77.0508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9672, 0.3198, 0.2802** is the 20% darker color. If you saturate the color by 10%, you get **62.0679, 0.3218, 0.2660**, and if you desaturate by 10%, it is **87.4687, 0.3150, 0.3114**.

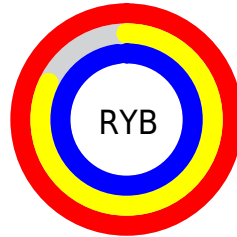
Distribution



Red (100%)

Green (82%)

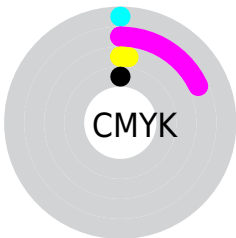
Blue (98%)



Red (100%)

Yellow (82%)

Blue (98%)

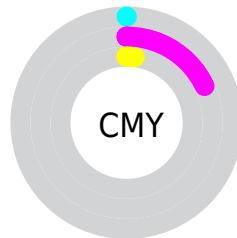


Cyan (0%)

Magenta (18%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7631, 0.3182, 0.2888 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 73.7631, 0.3182, 0.2888 by changing the saturation by 10% instead.


 73.7631, 0.3182,
0.2888

 73.7631, 0.3182,
0.2888


473.6553, 0.3159,
0.3067

 54.6002, 0.3187,
0.2849


124.5599, 0.3175,
0.2949

 39.0817, 0.3192,
0.2801


156.9626, 0.3172,
0.2973

 26.8233, 0.3198,
0.2741


194.5473, 0.3169,
0.2994

 17.4405, 0.3206,
0.2665

237.6985, 0.3167,
0.3012

 10.5491, 0.3214,
0.2565

286.8005, 0.3165,
0.3028

 5.7645, 0.3225,
0.2427


342.2377, 0.3163,


 2.7024, 0.3236,


0.3043


0.2227


404.3945, 0.3161,
0.3056


 0.9784, 0.3242,
0.1910


 0.0000, 0.3417,
0.0000

 73.7631, 0.3182,
0.2888


 73.7631, 0.3182,
0.2888


 62.0679, 0.3218,
0.2660

 87.4687, 0.3150,
0.3114

 52.2785, 0.3256,
0.2437

99.9860, 0.3127,
0.3290

 44.2955, 0.3298,
0.2229

 38.0063, 0.3340,
0.2046

■ 33.2863, 0.3383,
0.1897

■ 29.9931, 0.3425,
0.1789

■ 27.9591, 0.3464,
0.1727

■ 26.9572, 0.3500,
0.1707

■ 26.8161, 0.3507,
0.1706

Harmonies

Analogous

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



73.7631, 0.2867, 0.2775



73.7631, 0.3182, 0.2888



73.7631, 0.3496, 0.3096

Triad

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



73.7631, 0.3182, 0.2888



73.7631, 0.3632, 0.3805



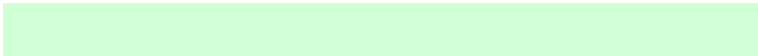
73.7631, 0.2574, 0.3178

Complementary

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



73.7631, 0.3182, 0.2888



89.8881, 0.3076, 0.3728

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.



73.7631, 0.2760, 0.3486



73.7631, 0.3182, 0.2888



73.7631, 0.3368, 0.3862

Square

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



73.7631, 0.3182, 0.2888



73.7631, 0.3762, 0.3613



73.7631, 0.3048, 0.3746



73.7631, 0.2529, 0.2924

Rectangle

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



73.7631, 0.3182, 0.2888



73.7631, 0.3657, 0.3266



73.7631, 0.3048, 0.3746



73.7631, 0.2621, 0.3279

Sweetspot

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



73.7663, 0.3182, 0.2888



92.0449, 0.3141, 0.3181



67.0749, 0.2860, 0.2801



19.4712, 0.3143, 0.3165



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.



73.7663, 0.3182, 0.2888



68.8973, 0.3196, 0.2797



72.4334, 0.3342, 0.3106



18.2646, 0.3155, 0.3081



14.0348, 0.3502, 0.1703



1.3758, 0.3464, 0.1682

Inverse Universe

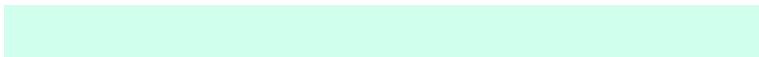
The Inverse Universe completely reimagines the original color for something new.



73.7663, 0.3182, 0.2888



68.8973, 0.3196, 0.2797



91.1231, 0.2952, 0.3482



18.2646, 0.3155, 0.3081



14.0348, 0.3502, 0.1703



1.3758, 0.3464, 0.1682

Previews

White Background



This preview shows how the Yxy color 73.7631, 0.3182, 0.2888 looks on a white background.

Color Contrast Check

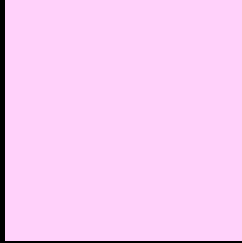
Large Text (above 18pt) WCAG AA × Fail

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 73.7631, 0.3182, 0.2888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

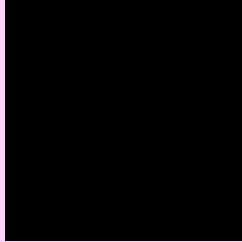
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.7631, 0.3182, 0.2888

Background



This preview shows how black text looks on a background with the Yxy color 73.7631, 0.3182, 0.2888.



This preview shows how white text looks on a background with the Yxy color 73.7631, 0.3182, 0.2888.

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

73.7631, 0.3182, 0.2888

Protanopia

74.2143, 0.2887, 0.2944

Deuteranopia

73.7267, 0.3037, 0.2971



Tritanopia

73.9411, 0.3304, 0.3129

Trichromacy



Original Color

73.7631, 0.3182, 0.2888

Protanomaly

73.7065, 0.2991, 0.2920

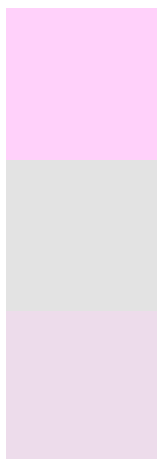
Deuteranomaly

73.6335, 0.3087, 0.2936

Tritanomaly

74.0840, 0.3256, 0.3040

Monochromacy



Original Color

73.7631, 0.3182, 0.2888

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 73.7631, 0.3182, 0.2888 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, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 250)  
}
```

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, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 250) }
```

Border

The CSS property to change the border of an element to Yxy 73.7631, 0.3182, 0.2888 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, 250) }
```

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

```
.border{ border-color:rgb(255, 209, 250) }
```

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, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7631, 0.3182, 0.2888 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, 250) }
```

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

```
.background{ background-color: rgb(255,  
209, 250) }
```

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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