

Converting Colors

$Y_{xy}(72.7371, 0.3174, 0.2851)$

Have a look what the booklet for
Yxy(72.7371, 0.3174, 0.2851)
contains.

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Color

Yxy(72.8507, 0.3177, 0.2858)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFFB
RGB	255, 207, 251
RGB Percent	100%, 81%, 98%
CMY	0.0000, 0.1883, 0.0156
CMYK	0.00, 0.19, 0.02, 0.00
HSL	305°, 100%, 91%
HSV	305°, 19%, 100%
XYZ	80.9820, 72.8507, 101.0682
YIQ	226.3680, 14.4840, 23.8600

Conversions

Conversions Part 2

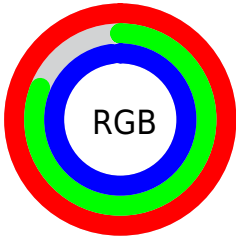
Format	Color
R _Y B	255, 207, 251
Decimal	16764923
CIE _{Lab}	88.38, 24.11, -15.14
CIE _{LCh}	88, 28.468, 327.880
Y _{xy}	72.8507, 0.3177, 0.2858
Android (android.graphics.Color)	4294955003 (0xFFFFCFFB)
Y _{UV}	226.3680, 12.1436, 25.1103
Hunter-Lab	85.3526, 19.9926, -10.4600

Details

The Yxy color $72.8507, 0.3177, 0.2858$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $89.4846, 0.3081, 0.3764$, and the grayscale version is $76.2281, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.3573, 0.3190, 0.2765$ is the 20% darker color. If you saturate the color by 10%, you get $61.3372, 0.3207, 0.2625$, and if you desaturate by 10%, it is $86.3453, 0.3149, 0.3090$.

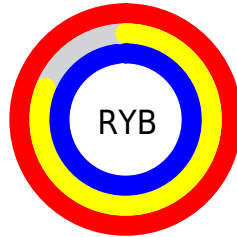
Distribution



Red (100%)

Green (81%)

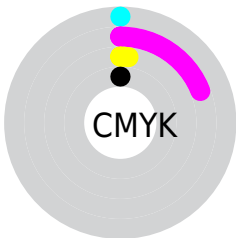
Blue (98%)



Red (100%)

Yellow (81%)

Blue (98%)

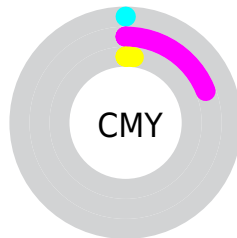


Cyan (0%)

Magenta (19%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8507, 0.3177, 0.2858 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 72.8507, 0.3177, 0.2858 by changing the saturation by 10% instead.


 72.8507, 0.3177,
0.2858

 72.8507, 0.3177,
0.2858


470.4972, 0.3157,
0.3051

 53.8539, 0.3181,
0.2816


123.2652, 0.3171,
0.2923

 38.4849, 0.3185,
0.2764


155.4518, 0.3168,
0.2949

 26.3592, 0.3190,
0.2700


192.8036, 0.3166,
0.2972

 17.0926, 0.3196,
0.2619

235.7053, 0.3164,
0.2991

 10.3005, 0.3203,
0.2512

284.5410, 0.3162,
0.3009

 5.5987, 0.3209,
0.2365

339.6954, 0.3160,

 2.6026, 0.3214,

0.3024

0.2151

401.5526, 0.3159,
0.3038

0.9280, 0.3208,
0.1816

0.0000, 0.3263,
0.0000

72.8507, 0.3177,
0.2858

72.8507, 0.3177,
0.2858

61.3372, 0.3207,
0.2625

86.3453, 0.3149,
0.3090

51.7325, 0.3239,
0.2398

100.0000, 0.3127,
0.3290

43.9255, 0.3273,
0.2188

37.8027, 0.3308,
0.2004

■ 33.2380, 0.3342,
0.1856

■ 30.0875, 0.3374,
0.1749

■ 28.1803, 0.3404,
0.1688

■ 27.2690, 0.3431,
0.1667

■ 27.1900, 0.3434,
0.1666

Harmonies

Analogous

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



72.8507, 0.2842, 0.2740



72.8507, 0.3177, 0.2858



72.8507, 0.3515, 0.3076

Triad

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



72.8507, 0.3177, 0.2858



72.8507, 0.3672, 0.3836



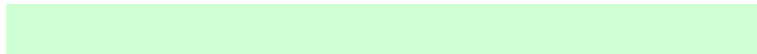
72.8507, 0.2540, 0.3176

Complementary

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



72.8507, 0.3177, 0.2858



89.4846, 0.3081, 0.3764

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.



72.8507, 0.2740, 0.3507



72.8507, 0.3177, 0.2858



72.8507, 0.3391, 0.3904

Square

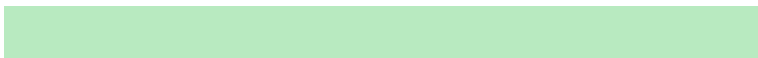
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



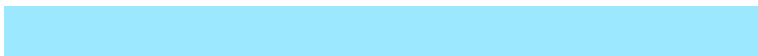
72.8507, 0.3177, 0.2858



72.8507, 0.3807, 0.3627



72.8507, 0.3049, 0.3785



72.8507, 0.2489, 0.2902

Rectangle

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



72.8507, 0.3177, 0.2858



72.8507, 0.3689, 0.3257



72.8507, 0.3049, 0.3785



72.8507, 0.2591, 0.3285

Sweetspot

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



72.8429, 0.3177, 0.2858



90.5421, 0.3142, 0.3155



65.5658, 0.2835, 0.2775



19.1692, 0.3143, 0.3140



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.



72.8429, 0.3177, 0.2858



67.8081, 0.3189, 0.2760



71.4669, 0.3342, 0.3081



18.2728, 0.3151, 0.3075



14.2182, 0.3430, 0.1663



1.3918, 0.3402, 0.1648

Inverse Universe

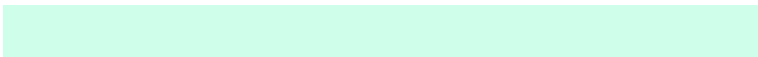
The Inverse Universe completely reimagines the original color for something new.



72.8429, 0.3177, 0.2858



67.8081, 0.3189, 0.2760



90.7345, 0.2953, 0.3509



18.2728, 0.3151, 0.3075



14.2182, 0.3430, 0.1663



1.3918, 0.3402, 0.1648

Previews

White Background



This preview shows how the Yxy color 72.8507, 0.3177, 0.2858 looks on a white background.

Color Contrast Check

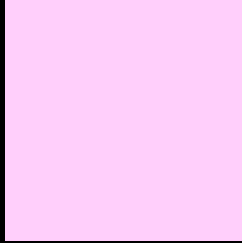
Large Text (above 18pt) WCAG AA × Fail

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 72.8507, 0.3177, 0.2858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

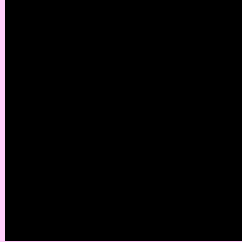
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.8507, 0.3177, 0.2858

Background



This preview shows how black text looks on a background with the Yxy color 72.8507, 0.3177, 0.2858.



This preview shows how white text looks on a background with the Yxy color 72.8507, 0.3177, 0.2858.

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

72.8507, 0.3177, 0.2858

Protanopia

73.0053, 0.2880, 0.2922

Deuteranopia

72.9402, 0.3017, 0.2949



Tritanopia

72.8854, 0.3314, 0.3119

Trichromacy



Original Color

72.8507, 0.3177, 0.2858



Protanomaly

72.5796, 0.2978, 0.2889



Deuteranomaly

73.0159, 0.3074, 0.2915



Tritanomaly

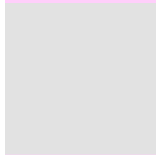
73.0320, 0.3265, 0.3030

Monochromacy



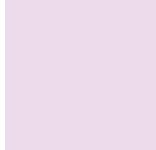
Original Color

72.8507, 0.3177, 0.2858



Achromatopsia

76.0525, 0.3127, 0.3290



Achromatomaly

74.6657, 0.3149, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8507, 0.3177, 0.2858 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, 207, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 251)  
}
```

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, 207, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 251) }
```

Border

The CSS property to change the border of an element to Yxy 72.8507, 0.3177, 0.2858 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, 207, 251) }
```

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

```
.border{ border-color:rgb(255, 207, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8507, 0.3177, 0.2858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 251) }
```

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

```
.background{ background-color: rgb(255,  
207, 251) }
```

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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