

Converting Colors

$Y_{xy}(76.5598, 0.2770, 0.2380)$

Have a look what the booklet for
Yxy(76.5598, 0.2770, 0.2380)
contains.

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Color

Yxy(72.5951, 0.3091, 0.2833)

Conversions

Conversions Part 1

Format	Color
Hex	F7D1FF
RGB	247, 209, 255
RGB Percent	97%, 82%, 100%
CMY	0.0314, 0.1804, 0.0000
CMYK	0.03, 0.18, 0.00, 0.00
HSL	290°, 100%, 91%
HSV	290°, 18%, 100%
XYZ	79.2063, 72.5951, 104.4467
YIQ	225.6060, 7.8820, 22.3620

Conversions

Conversions Part 2

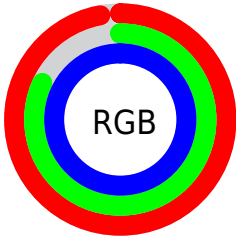
Format	Color
R_{YB}	247, 209, 255
Decimal	16241151
CIE _{Lab}	88.25, 21.15, -17.50
CIE _{LCh}	88, 27.447, 320.395
Yxy	72.5951, 0.3091, 0.2833
Android (android.graphics.Color)	4294431231 (0xFFFF7D1FF)
YUV	225.6060, 14.4912, 18.7625
Hunter-Lab	85.2028, 16.8326, -13.0394

Details

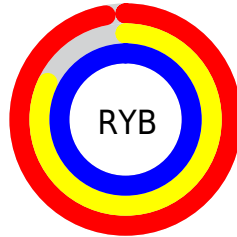
The Yxy color **72.5951, 0.3091, 0.2833** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.8778, 0.3154, 0.3777**, and the grayscale version is **75.6448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.1356, 0.3078, 0.2731** is the 20% darker color. If you saturate the color by 10%, you get **60.2726, 0.3064, 0.2569**, and if you desaturate by 10%, it is **86.9452, 0.3113, 0.3091**.

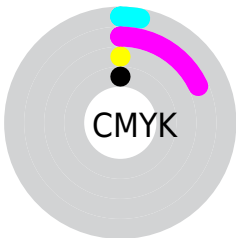
Distribution



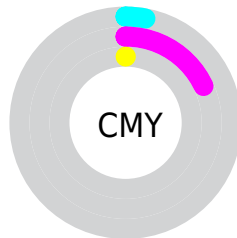
- Red (97%)
- Green (82%)
- Blue (100%)



- Red (97%)
- Yellow (82%)
- Blue (100%)



- Cyan (3%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.5951, 0.3091, 0.2833 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 72.5951, 0.3091, 0.2833 by changing the saturation by 10% instead.


 72.5951, 0.3091,
0.2833

 72.5951, 0.3091,
0.2833


469.6103, 0.3111,
0.3037

 53.6449, 0.3086,
0.2788

122.9022, 0.3098,
0.2902

 38.3179, 0.3079,
0.2734


155.0280, 0.3101,
0.2930

 26.2295, 0.3070,
0.2666


192.3144, 0.3103,
0.2953

 16.9954, 0.3058,
0.2580

235.1459, 0.3105,
0.2974

 10.2312, 0.3040,
0.2467

283.9068, 0.3107,
0.2993

 5.5525, 0.3012,
0.2312

338.9816, 0.3108,

 2.5750, 0.2964,

0.3009

0.2087

400.7546, 0.3110,
0.3024

0.9141, 0.2868,
0.1736

0.0000, 0.2470,
0.0000

72.5951, 0.3091,
0.2833

72.5951, 0.3091,
0.2833

60.2726, 0.3064,
0.2569

86.9452, 0.3113,
0.3091

49.8737, 0.3033,
0.2307

100.0000, 0.3127,
0.3290

41.2984, 0.2996,
0.2056

34.4342, 0.2956,
0.1827

■ 29.1558, 0.2911,
0.1632

■ 25.3208, 0.2865,
0.1478

■ 22.7612, 0.2819,
0.1370

■ 21.2487, 0.2773,
0.1306

■ 21.0111, 0.2764,
0.1296

Harmonies

Analogous

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



72.5951, 0.2782, 0.2748



72.5951, 0.3091, 0.2833



72.5951, 0.3425, 0.3024

Triad

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



72.5951, 0.3091, 0.2833



72.5951, 0.3701, 0.3778



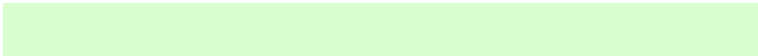
72.5951, 0.2595, 0.3259

Complementary

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



72.5951, 0.3091, 0.2833



90.8778, 0.3154, 0.3777

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.



72.5951, 0.2821, 0.3576



72.5951, 0.3091, 0.2833



72.5951, 0.3459, 0.3882

Square

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



72.5951, 0.3091, 0.2833



72.5951, 0.3788, 0.3554



72.5951, 0.3135, 0.3812



72.5951, 0.2508, 0.2973

Rectangle

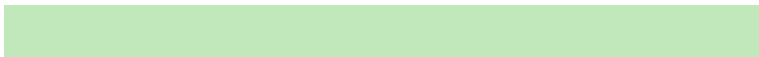
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.5951, 0.3091, 0.2833



72.5951, 0.3613, 0.3191



72.5951, 0.3135, 0.3812



72.5951, 0.2657, 0.3366

Sweetspot

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



72.5980, 0.3091, 0.2833



91.7146, 0.3119, 0.3167



70.6295, 0.2833, 0.2889



19.3907, 0.3117, 0.3150



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.



72.5980, 0.3091, 0.2833



67.4754, 0.3081, 0.2729



73.1823, 0.3249, 0.2978



18.1310, 0.3110, 0.3054



11.0373, 0.2771, 0.1300



1.1148, 0.2824, 0.1329

Inverse Universe

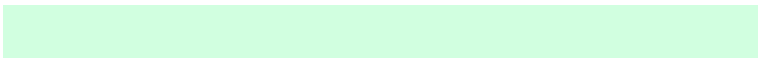
The Inverse Universe completely reimagines the original color for something new.



71.8756, 0.3419, 0.3210



66.6478, 0.3500, 0.3191



90.4352, 0.3023, 0.3623



18.0387, 0.3267, 0.3249



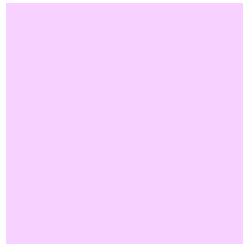
11.2203, 0.6145, 0.3159



1.1060, 0.5860, 0.3002

Previews

White Background



This preview shows how the Yxy color 72.5951, 0.3091, 0.2833 looks on a white background.

Color Contrast Check

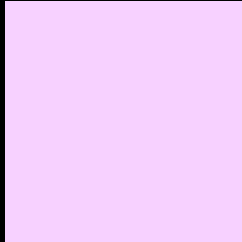
Large Text (above 18pt) WCAG AA × Fail

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 72.5951, 0.3091, 0.2833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

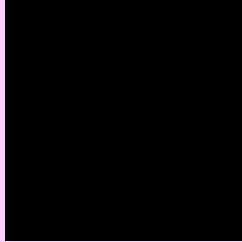
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

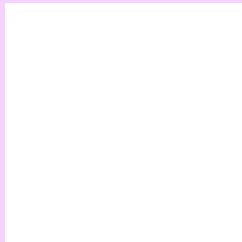
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.5951, 0.3091, 0.2833

Background



This preview shows how black text looks on a background with the Yxy color 72.5951, 0.3091, 0.2833.



This preview shows how white text looks on a background with the Yxy color 72.5951, 0.3091, 0.2833.

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

72.5951, 0.3091, 0.2833

Protanopia

72.8535, 0.2873, 0.2921

Deuteranopia

72.7615, 0.2965, 0.2898



Tritanopia

72.3564, 0.3231, 0.3115

Trichromacy



Original Color

72.5951, 0.3091, 0.2833

Protanomaly

72.6626, 0.2952, 0.2887

Deuteranomaly

72.4064, 0.3013, 0.2872

Tritanomaly

72.5521, 0.3176, 0.3015

Monochromacy



Original Color

72.5951, 0.3091, 0.2833

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

74.7932, 0.3114, 0.3114

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5951, 0.3091, 0.2833 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(247, 209, 255)` looks like.

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

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(247, 209, 255) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 72.5951, 0.3091, 0.2833 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(247, 209, 255) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to Yxy 72.5951, 0.3091, 0.2833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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