

Converting Colors

$Y_{xy}(72.4209, 0.3152, 0.2860)$

Have a look what the booklet for
Yxy(72.4209, 0.3152, 0.2860)
contains.

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Color

Yxy(72.2861, 0.3155, 0.2855)

Conversions

Conversions Part 1

Format	Color
Hex	FCCFFB
RGB	252, 207, 251
RGB Percent	99%, 81%, 98%
CMY	0.0116, 0.1883, 0.0156
CMYK	0.00, 0.18, 0.00, 0.01
HSL	301°, 88%, 90%
HSV	301°, 18%, 99%
XYZ	79.8818, 72.2861, 101.0233
YIQ	225.4710, 12.6960, 23.2240

Conversions

Conversions Part 2

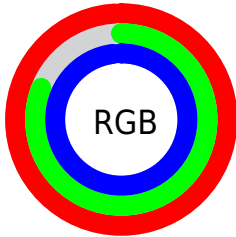
Format	Color
R _Y B	252, 207, 251
Decimal	16568315
CIE Lab	88.11, 23.12, -15.57
CIE LCh	88, 27.876, 326.035
Yxy	72.2861, 0.3155, 0.2855
Android (android.graphics.Color)	4294758395 (0xFFFCFFB)
YUV	225.4710, 12.5858, 23.2659
Hunter-Lab	85.0212, 18.9228, -10.9343

Details

The Yxy color $72.2861, 0.3155, 0.2855$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $87.4622, 0.3098, 0.3767$, and the grayscale version is $75.5569, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.9536, 0.3162, 0.2760$ is the 20% darker color. If you saturate the color by 10%, you get $61.0010, 0.3172, 0.2609$, and if you desaturate by 10%, it is $85.5267, 0.3139, 0.3101$.

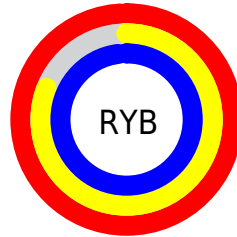
Distribution



Red (99%)

Green (81%)

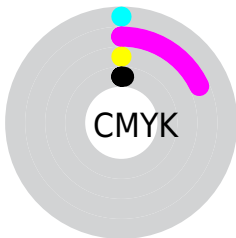
Blue (98%)



Red (99%)

Yellow (81%)

Blue (98%)

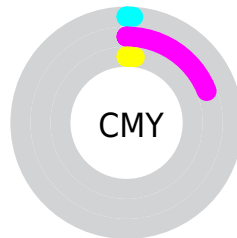


Cyan (0%)

Magenta (18%)

Yellow (0%)

Black (1%)



Cyan (1%)


Magenta (19%)


Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.2861, 0.3155, 0.2855 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 72.2861, 0.3155, 0.2855 by changing the saturation by 10% instead.


 72.2861, 0.3155,
0.2855

 72.2861, 0.3155,
0.2855

468.5368, 0.3145,
0.3049

 53.3924, 0.3157,
0.2812


122.4632, 0.3152,
0.2921

 38.1161, 0.3158,
0.2760


154.5154, 0.3151,
0.2947

 26.0728, 0.3160,
0.2696


191.7226, 0.3150,
0.2970

 16.8781, 0.3161,
0.2613

234.4691, 0.3149,
0.2990

 10.1476, 0.3161,
0.2505

283.1394, 0.3148,
0.3007

 5.4970, 0.3159,
0.2356


338.1179, 0.3147,


 2.5417, 0.3150,


0.3023

0.2138


399.7889, 0.3146,
0.3037


 0.8974, 0.3120,
0.1797


 0.0000, 0.2979,
0.0000


 72.2861, 0.3155,
0.2855


 72.2861, 0.3155,
0.2855


 61.0010, 0.3172,
0.2609


 85.5267, 0.3139,
0.3101


 51.5698, 0.3189,
0.2370

 99.2606, 0.3125,
0.3317

 43.8957, 0.3205,
0.2149

 99.2968, 0.3122,
0.3312

 37.8698, 0.3221,
0.1955

 99.3331, 0.3119,
0.3306

■ 33.3708, 0.3235,
0.1797

■ 99.3695, 0.3115,
0.3301

■ 30.2607, 0.3248,
0.1682

■ 99.4060, 0.3112,
0.3295

■ 28.3769, 0.3258,
0.1610

■ 99.4423, 0.3109,
0.3290

■ 27.5008, 0.3266,
0.1578

■ 27.3770, 0.3267,
0.1574

Harmonies

Analogous

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



72.2861, 0.2829, 0.2746



72.2861, 0.3155, 0.2855



72.2861, 0.3489, 0.3065

Triad

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



72.2861, 0.3155, 0.2855



72.2861, 0.3675, 0.3817



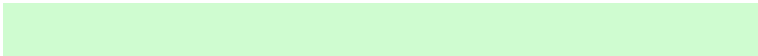
72.2861, 0.2558, 0.3198

Complementary

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



72.2861, 0.3155, 0.2855



87.4622, 0.3098, 0.3767

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.



72.2861, 0.2764, 0.3523



72.2861, 0.3155, 0.2855



72.2861, 0.3406, 0.3893

Square

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



72.2861, 0.3155, 0.2855



72.2861, 0.3797, 0.3606



72.2861, 0.3072, 0.3787



72.2861, 0.2499, 0.2923

Rectangle

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



72.2861, 0.3155, 0.2855



72.2861, 0.3666, 0.3241



72.2861, 0.3072, 0.3787



72.2861, 0.2612, 0.3306

Sweetspot

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



72.2892, 0.3155, 0.2855



92.1146, 0.3135, 0.3171



65.0237, 0.2837, 0.2802



19.4883, 0.3136, 0.3154



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.



72.2892, 0.3155, 0.2855



70.3857, 0.3160, 0.2777



70.9669, 0.3313, 0.3070



17.5174, 0.3142, 0.3062



14.2594, 0.3266, 0.1573



1.3228, 0.3259, 0.1569

Inverse Universe

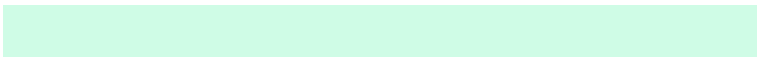
The Inverse Universe completely reimagines the original color for something new.



72.2892, 0.3155, 0.2855



70.3857, 0.3160, 0.2777



88.6358, 0.2974, 0.3521



17.5174, 0.3142, 0.3062



14.2594, 0.3266, 0.1573



1.3228, 0.3259, 0.1569

Previews

White Background



This preview shows how the Yxy color 72.2861, 0.3155, 0.2855 looks on a white background.

Color Contrast Check

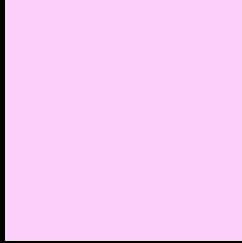
Large Text (above 18pt) WCAG AA × Fail

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 72.2861, 0.3155, 0.2855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

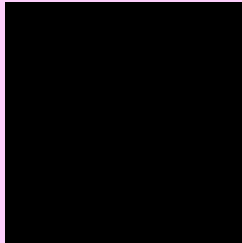
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.2861, 0.3155, 0.2855

Background



This preview shows how black text looks on a background with the Yxy color 72.2861, 0.3155, 0.2855.



This preview shows how white text looks on a background with the Yxy color 72.2861, 0.3155, 0.2855.

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

72.2861, 0.3155, 0.2855

Protanopia

72.8535, 0.2873, 0.2921

Deuteranopia

72.2634, 0.3010, 0.2938



Tritanopia

72.3297, 0.3291, 0.3117

Trichromacy



Original Color

72.2861, 0.3155, 0.2855

Protanomaly

72.2506, 0.2965, 0.2887

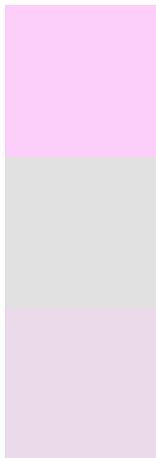
Deuteranomaly

72.1662, 0.3060, 0.2903

Tritanomaly

72.4733, 0.3243, 0.3028

Monochromacy



Original Color

72.2861, 0.3155, 0.2855

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

73.7455, 0.3142, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2861, 0.3155, 0.2855 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(252, 207, 251)` looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 207, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 207, 251) }
```

Border

The CSS property to change the border of an element to Yxy 72.2861, 0.3155, 0.2855 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(252, 207, 251) }
```

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

```
.border{ border-color:rgb(252, 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(252, 207, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 207, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 207, 251);  
box-shadow:4px 4px 4px 4px rgb(252, 207,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 72.2861, 0.3155, 0.2855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 207, 251) }
```

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

```
.background{ background-color: rgb(252,  
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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