

Converting Colors

Yxy(74.5548, 0.2847, 0.2496)

Have a look what the booklet for
Yxy(74.5548, 0.2847, 0.2496)
contains.

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Color

Yxy(71.7442, 0.3077, 0.2821)

Conversions

Conversions Part 1

Format	Color
Hex	F5D0FF
RGB	245, 208, 255
RGB Percent	96%, 82%, 100%
CMY	0.0393, 0.1843, 0.0000
CMYK	0.04, 0.18, 0.00, 0.00
HSL	287°, 100%, 91%
HSV	287°, 18%, 100%
XYZ	78.2548, 71.7442, 104.3228
YIQ	224.4210, 6.9650, 22.4610

Conversions

Conversions Part 2

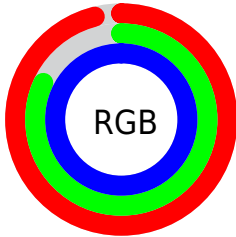
Format	Color
R _Y B	245, 208, 255
Decimal	16109823
CIE Lab	87.85, 21.02, -18.12
CIE LCh	88, 27.753, 319.228
Yxy	71.7442, 0.3077, 0.2821
Android (android.graphics.Color)	4294299903 (0xFFFF5D0FF)
YUV	224.4210, 15.0754, 18.0478
Hunter-Lab	84.7019, 16.6850, -13.7329

Details

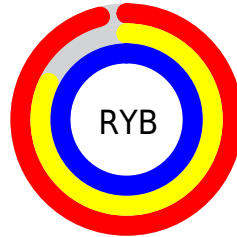
The Yxy color $71.7442, 0.3077, 0.2821$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $90.9789, 0.3166, 0.3786$, and the grayscale version is $74.7448, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.5510, 0.3060, 0.2715$ is the 20% darker color. If you saturate the color by 10%, you get $59.3327, 0.3042, 0.2554$, and if you desaturate by 10%, it is $86.1894, 0.3107, 0.3081$.

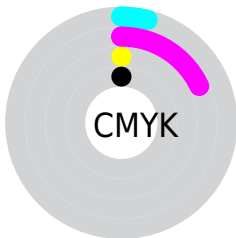
Distribution



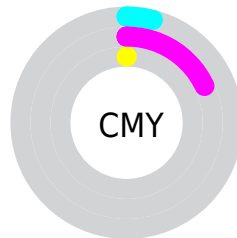
- Red (96%)
- Green (82%)
- Blue (100%)



- Red (96%)
- Yellow (82%)
- Blue (100%)



- Cyan (4%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)




- Cyan (4%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.7442, 0.3077, 0.2821 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 71.7442, 0.3077, 0.2821 by changing the saturation by 10% instead.

 71.7442, 0.3077,
0.2821

 71.7442, 0.3077,
0.2821

466.6508, 0.3103,
0.3031

 52.9497, 0.3070,
0.2775

121.6928, 0.3087,
0.2892

 37.7627, 0.3062,
0.2719


153.6157, 0.3090,
0.2920

 25.7985, 0.3051,
0.2649


190.6835, 0.3093,
0.2945

 16.6730, 0.3035,
0.2561

233.2807, 0.3096,
0.2966

 10.0016, 0.3013,
0.2444

281.7917, 0.3098,
0.2985

 5.4000, 0.2978,
0.2284

336.6007, 0.3100,

 2.4838, 0.2920,

0.3002

0.2052

398.0923, 0.3102,
0.3017

0.8685, 0.2807,
0.1690

0.0000, 0.2212,
0.0000

71.7442, 0.3077,
0.2821

71.7442, 0.3077,
0.2821

59.3327, 0.3042,
0.2554

86.1894, 0.3107,
0.3081

48.8501, 0.3000,
0.2287

99.9994, 0.3127,
0.3290

40.1960, 0.2953,
0.2031

33.2575, 0.2901,
0.1796

■ 27.9085, 0.2845,
0.1594

■ 24.0059, 0.2787,
0.1434

■ 21.3801, 0.2729,
0.1320

■ 19.7938, 0.2673,
0.1250

■ 19.5876, 0.2664,
0.1241

Harmonies

Analogous

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



71.7442, 0.2767, 0.2740



71.7442, 0.3077, 0.2821



71.7442, 0.3417, 0.3011

Triad

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



71.7442, 0.3077, 0.2821



71.7442, 0.3717, 0.3778



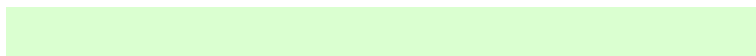
71.7442, 0.2594, 0.3271

Complementary

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



71.7442, 0.3077, 0.2821



90.9789, 0.3166, 0.3786

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.



71.7442, 0.2827, 0.3592



71.7442, 0.3077, 0.2821



71.7442, 0.3475, 0.3890

Square

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



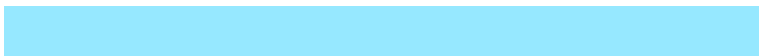
71.7442, 0.3077, 0.2821



71.7442, 0.3798, 0.3547



71.7442, 0.3148, 0.3827



71.7442, 0.2500, 0.2977

Rectangle

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



71.7442, 0.3077, 0.2821



71.7442, 0.3611, 0.3179



71.7442, 0.3148, 0.3827



71.7442, 0.2658, 0.3380

Sweetspot

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



71.7473, 0.3077, 0.2821



90.0104, 0.3113, 0.3142



70.8747, 0.2827, 0.2896



19.0432, 0.3111, 0.3126



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.



71.7473, 0.3077, 0.2821



67.0832, 0.3065, 0.2726



72.7692, 0.3241, 0.2956



18.0935, 0.3104, 0.3053



10.3030, 0.2673, 0.1246



1.0496, 0.2737, 0.1282

Inverse Universe

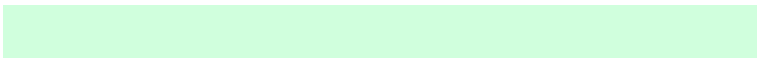
The Inverse Universe completely reimagines the original color for something new.



71.4409, 0.3413, 0.3189



66.7568, 0.3483, 0.3169



90.1643, 0.3030, 0.3649



18.0504, 0.3261, 0.3240



11.2672, 0.6044, 0.3103



1.1122, 0.5741, 0.2936

Previews

White Background



This preview shows how the Yxy color 71.7442, 0.3077, 0.2821 looks on a white background.

Color Contrast Check

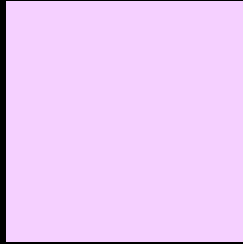
Large Text (above 18pt) WCAG AA × Fail

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 71.7442, 0.3077, 0.2821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

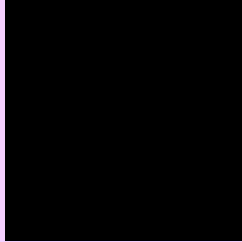
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

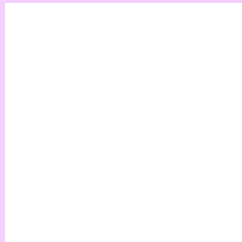
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.7442, 0.3077, 0.2821

Background



This preview shows how black text looks on a background with the Yxy color 71.7442, 0.3077, 0.2821.



This preview shows how white text looks on a background with the Yxy color 71.7442, 0.3077, 0.2821.

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

71.7442, 0.3077, 0.2821

Protanopia

72.0292, 0.2860, 0.2909

Deuteranopia

71.9254, 0.2951, 0.2886



Tritanopia

71.9464, 0.3223, 0.3125

Trichromacy



Original Color

71.7442, 0.3077, 0.2821

Protanomaly

71.8284, 0.2938, 0.2875

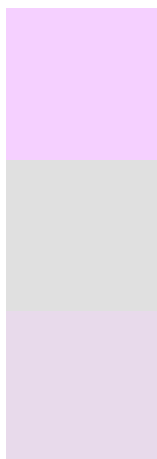
Deuteranomaly

71.5664, 0.2999, 0.2860

Tritanomaly

71.6388, 0.3169, 0.3013

Monochromacy



Original Color

71.7442, 0.3077, 0.2821

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.2968, 0.3114, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7442, 0.3077, 0.2821 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(245, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 208, 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(245, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 208, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.7442, 0.3077, 0.2821 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(245, 208, 255) }
```

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

```
.border{ border-color:rgb(245, 208, 255) }
```

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

Here you see how a box with a 4 pixel rgb(245, 208, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 208,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7442, 0.3077, 0.2821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 208, 255) }
```

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

```
.background{ background-color: rgb(245,  
208, 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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