

Converting Colors

$Y_{xy}(71.4795, 0.3045, 0.2828)$

Have a look what the booklet for
Yxy(71.4795, 0.3045, 0.2828)
contains.

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Color

Yxy(71.3462, 0.3041, 0.2826)

Conversions

Conversions Part 1

Format	Color
Hex	F0D1FF
RGB	240, 209, 255
RGB Percent	94%, 82%, 100%
CMY	0.0590, 0.1803, 0.0000
CMYK	0.06, 0.18, 0.00, 0.00
HSL	280°, 100%, 91%
HSV	280°, 18%, 100%
XYZ	76.7742, 71.3462, 104.3432
YIQ	223.5130, 3.7100, 20.8780

Conversions

Conversions Part 2

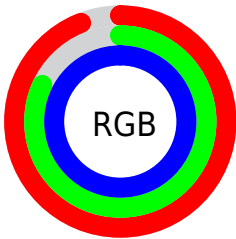
Format	Color
R _Y B	240, 209, 255
Decimal	15782399
CIE Lab	87.65, 18.87, -18.47
CIE LCh	88, 26.406, 315.620
Yxy	71.3462, 0.3041, 0.2826
Android (android.graphics.Color)	4293972479 (0xFFFF0D1FF)
YUV	223.5130, 15.5231, 14.4591
Hunter-Lab	84.4667, 14.4270, -14.1153

Details

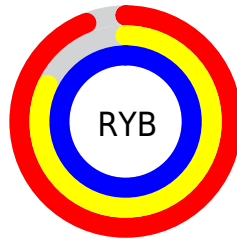
The Yxy color **71.3462, 0.3041, 0.2826** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **91.9834, 0.3198, 0.3770**, and the grayscale version is **74.0589, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3788, 0.3023, 0.2721** is the 20% darker color. If you saturate the color by 10%, you get **58.3922, 0.2981, 0.2551**, and if you desaturate by 10%, it is **86.3742, 0.3092, 0.3090**.

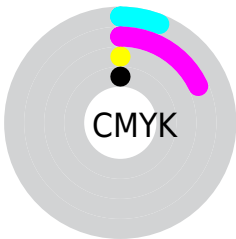
Distribution



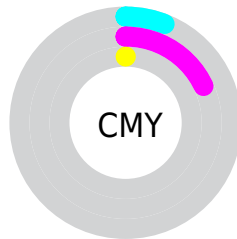
- Red (94%)
- Green (82%)
- Blue (100%)



- Red (94%)
- Yellow (82%)
- Blue (100%)



- Cyan (6%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)




- Cyan (6%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3462, 0.3041, 0.2826 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 71.3462, 0.3041, 0.2826 by changing the saturation by 10% instead.


 71.3462, 0.3041,
0.2826

 71.3462, 0.3041,
0.2826

465.2628, 0.3084,
0.3034

 52.6248, 0.3031,
0.2780


121.1265, 0.3056,
0.2897

 37.5033, 0.3018,
0.2724


152.9542, 0.3062,
0.2925

 25.5974, 0.3001,
0.2655


189.9195, 0.3067,
0.2949

 16.5227, 0.2978,
0.2566

232.4067, 0.3071,
0.2970

 9.8948, 0.2946,
0.2449

280.8002, 0.3075,
0.2989

 5.3293, 0.2898,
0.2289

335.4845, 0.3078,

 2.4417, 0.2819,

0.3006

0.2055

396.8438, 0.3081,
0.3020

0.8472, 0.2672,
0.1688

0.0000, 0.1748,
0.0000

71.3462, 0.3041,
0.2826

71.3462, 0.3041,
0.2826

58.3922, 0.2981,
0.2551

86.3742, 0.3092,
0.3090

47.4100, 0.2912,
0.2271

100.0000, 0.3127,
0.3290

38.2978, 0.2835,
0.1997

30.9424, 0.2750,
0.1740

■ 25.2178, 0.2662,
0.1512

■ 20.9806, 0.2571,
0.1327

■ 18.0620, 0.2483,
0.1189

■ 16.2331, 0.2399,
0.1101

■ 15.9375, 0.2382,
0.1086

Harmonies

Analogous

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



71.3462, 0.2753, 0.2763



71.3462, 0.3041, 0.2826



71.3462, 0.3367, 0.2997

Triad

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



71.3462, 0.3041, 0.2826



71.3462, 0.3708, 0.3734



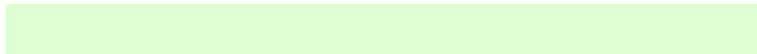
71.3462, 0.2639, 0.3310

Complementary

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



71.3462, 0.3041, 0.2826



91.9834, 0.3198, 0.3770

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.



71.3462, 0.2875, 0.3611



71.3462, 0.3041, 0.2826



71.3462, 0.3494, 0.3857

Square

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



71.3462, 0.3041, 0.2826



71.3462, 0.3763, 0.3506



71.3462, 0.3187, 0.3817



71.3462, 0.2531, 0.3022

Rectangle

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



71.3462, 0.3041, 0.2826



71.3462, 0.3559, 0.3154



71.3462, 0.3187, 0.3817



71.3462, 0.2705, 0.3414

Sweetspot

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



71.3483, 0.3041, 0.2826



91.3502, 0.3106, 0.3167



74.2772, 0.2837, 0.2964



19.3019, 0.3103, 0.3149



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.



71.3483, 0.3041, 0.2826



65.9629, 0.3018, 0.2718



73.6081, 0.3201, 0.2913



17.9850, 0.3085, 0.3052



8.4122, 0.2396, 0.1093



0.8784, 0.2490, 0.1145

Inverse Universe

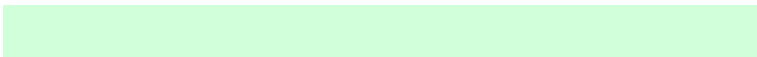
The Inverse Universe completely reimagines the original color for something new.



72.2576, 0.3367, 0.3139



67.0843, 0.3433, 0.3104



90.0719, 0.3061, 0.3699



18.0851, 0.3243, 0.3212



11.4633, 0.5669, 0.2897



1.1353, 0.5350, 0.2721

Previews

White Background



This preview shows how the Yxy color 71.3462, 0.3041, 0.2826 looks on a white background.

Color Contrast Check

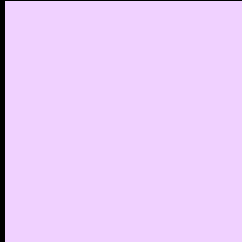
Large Text (above 18pt) WCAG AA × Fail

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 71.3462, 0.3041, 0.2826 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

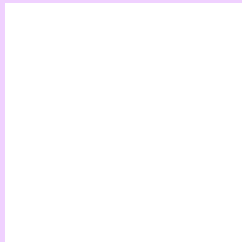
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.3462, 0.3041, 0.2826

Background



This preview shows how black text looks on a background with the Yxy color 71.3462, 0.3041, 0.2826.

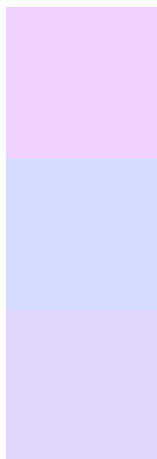


This preview shows how white text looks on a background with the Yxy color 71.3462, 0.3041, 0.2826.

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

71.3462, 0.3041, 0.2826

Protanopia

71.5089, 0.2860, 0.2898

Deuteranopia

71.2564, 0.2944, 0.2874



Tritanopia

71.1345, 0.3179, 0.3112

Trichromacy



Original Color

71.3462, 0.3041, 0.2826

Protanomaly

71.5089, 0.2925, 0.2873

Deuteranomaly

71.0657, 0.2978, 0.2857

Tritanomaly

71.3235, 0.3126, 0.3011

Monochromacy



Original Color

71.3462, 0.3041, 0.2826

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.4842, 0.3100, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3462, 0.3041, 0.2826 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(240, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 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(240, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 209, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.3462, 0.3041, 0.2826 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(240, 209, 255) }
```

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

```
.border{ border-color:rgb(240, 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(240, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 209,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3462, 0.3041, 0.2826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 209, 255) }
```

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

```
.background{ background-color: rgb(240,  
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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