

Converting Colors

Yxy(71.3164, 0.3059, 0.2849)

Have a look what the booklet for
Yxy(71.3164, 0.3059, 0.2849)
contains.

Yxy(71.2180, 0.3055, 0.2845)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.2180, 0.3055, 0.2845)

Conversions

Conversions Part 1

Format	Color
Hex	F0D1FD
RGB	240, 209, 253
RGB Percent	94%, 82%, 99%
CMY	0.0586, 0.1804, 0.0079
CMYK	0.05, 0.17, 0.00, 0.01
HSL	282°, 92%, 91%
HSV	282°, 17%, 99%
XYZ	76.4749, 71.2180, 102.6340
YIQ	223.2850, 4.3520, 20.2560

Conversions

Conversions Part 2

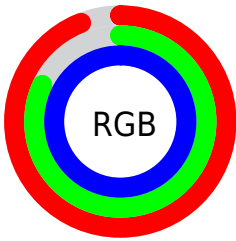
Format	Color
R _Y B	240, 209, 253
Decimal	15782397
CIE Lab	87.59, 18.53, -17.49
CIE LCh	88, 25.486, 316.656
Yxy	71.2180, 0.3055, 0.2845
Android (android.graphics.Color)	4293972477 (0xFFF0D1FD)
YUV	223.2850, 14.6495, 14.6591
Hunter-Lab	84.3908, 14.0728, -13.0336

Details

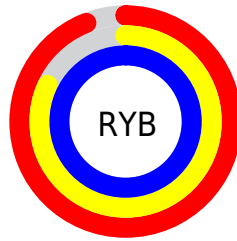
The Yxy color **71.2180, 0.3055, 0.2845** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.3658, 0.3186, 0.3753**, and the grayscale version is **73.9012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2871, 0.3040, 0.2745** is the 20% darker color. If you saturate the color by 10%, you get **58.5015, 0.3003, 0.2573**, and if you desaturate by 10%, it is **85.9651, 0.3099, 0.3107**.

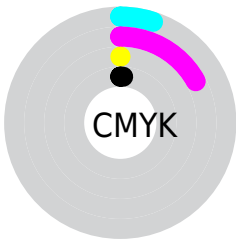
Distribution



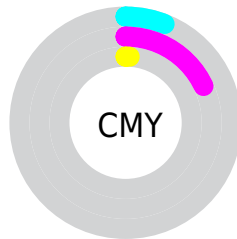
- Red (94%)
- Green (82%)
- Blue (99%)



- Red (94%)
- Yellow (82%)
- Blue (99%)



- Cyan (5%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)





- Cyan (6%)
- Magenta (18%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.2180, 0.3055, 0.2845 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 71.2180, 0.3055, 0.2845 by changing the saturation by 10% instead.


 71.2180, 0.3055,
0.2845

 71.2180, 0.3055,
0.2845


464.8151, 0.3091,
0.3045

 52.5201, 0.3046,
0.2801

120.9441, 0.3068,
0.2913

 37.4198, 0.3035,
0.2747


152.7411, 0.3073,
0.2940

 25.5327, 0.3021,
0.2680


189.6732, 0.3077,
0.2963

 16.4744, 0.3001,
0.2595

232.1249, 0.3081,
0.2984

 9.8605, 0.2973,
0.2481

280.4806, 0.3084,
0.3002

 5.3065, 0.2931,
0.2325

335.1246, 0.3087,

 2.4282, 0.2861,

0.3018

0.2097

396.4413, 0.3089,
0.3032

0.8403, 0.2730,
0.1736

0.0000, 0.1758,
0.0000

71.2180, 0.3055,
0.2845

71.2180, 0.3055,
0.2845

58.5015, 0.3003,
0.2573

85.9651, 0.3099,
0.3107

47.7129, 0.2942,
0.2297

99.8580, 0.3138,
0.3309

38.7543, 0.2874,
0.2027

99.8711, 0.3139,
0.3309

31.5156, 0.2800,
0.1774

■ 25.8744, 0.2720,
0.1552

■ 21.6916, 0.2639,
0.1369

■ 18.8040, 0.2559,
0.1235

■ 16.9990, 0.2482,
0.1149

■ 16.6235, 0.2463,
0.1130

Harmonies

Analogous

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



71.2180, 0.2774, 0.2780



71.2180, 0.3055, 0.2845



71.2180, 0.3369, 0.3014

Triad

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



71.2180, 0.3055, 0.2845



71.2180, 0.3683, 0.3726



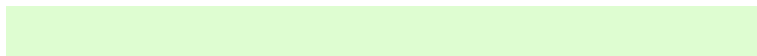
71.2180, 0.2649, 0.3299

Complementary

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



71.2180, 0.3055, 0.2845



90.3658, 0.3186, 0.3753

Split Complementary

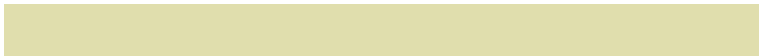
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.2180, 0.2875, 0.3590



71.2180, 0.3055, 0.2845



71.2180, 0.3472, 0.3839

Square

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



71.2180, 0.3055, 0.2845



71.2180, 0.3742, 0.3508



71.2180, 0.3175, 0.3793



71.2180, 0.2549, 0.3024

Rectangle

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



71.2180, 0.3055, 0.2845



71.2180, 0.3552, 0.3167



71.2180, 0.3175, 0.3793



71.2180, 0.2712, 0.3400

Sweetspot

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



71.2210, 0.3055, 0.2845



91.4288, 0.3109, 0.3167



72.9889, 0.2848, 0.2961



19.3211, 0.3106, 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.



71.2210, 0.3055, 0.2845



67.5972, 0.3037, 0.2747



73.0203, 0.3208, 0.2941



18.0163, 0.3091, 0.3052



8.9227, 0.2475, 0.1137



0.9251, 0.2561, 0.1184

Inverse Universe

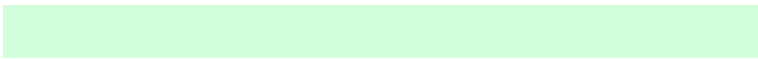
The Inverse Universe completely reimagines the original color for something new.



71.7475, 0.3368, 0.3159



68.2637, 0.3429, 0.3130



88.8486, 0.3055, 0.3667



18.0750, 0.3248, 0.3220



11.3969, 0.5789, 0.2963



1.1278, 0.5469, 0.2786

Previews

White Background



This preview shows how the Yxy color 71.2180, 0.3055, 0.2845 looks on a white background.

Color Contrast Check

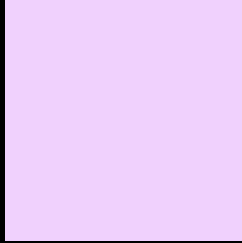
Large Text (above 18pt) WCAG AA × Fail

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 71.2180, 0.3055, 0.2845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

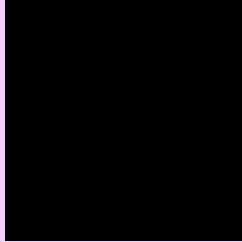
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

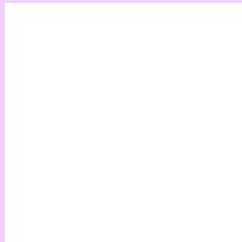
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.2180, 0.3055, 0.2845

Background



This preview shows how black text looks on a background with the Yxy color 71.2180, 0.3055, 0.2845.



This preview shows how white text looks on a background with the Yxy color 71.2180, 0.3055, 0.2845.

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

71.2180, 0.3055, 0.2845

Protanopia

71.3599, 0.2853, 0.2897

Deuteranopia

71.2902, 0.2963, 0.2895



Tritanopia

71.3062, 0.3187, 0.3113

Trichromacy



Original Color

71.2180, 0.3055, 0.2845

Protanomaly

71.2862, 0.2924, 0.2882

Deuteranomaly

71.1042, 0.2998, 0.2878

Tritanomaly

71.4372, 0.3140, 0.3021

Monochromacy



Original Color

71.2180, 0.3055, 0.2845

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.7413, 0.3100, 0.3121

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2180, 0.3055, 0.2845 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(240, 209, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 209, 253) }
```

Border

The CSS property to change the border of an element to Yxy 71.2180, 0.3055, 0.2845 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, 253) }
```

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

```
.border{ border-color:rgb(240, 209, 253) }
```

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, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 209, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 209, 253);  
box-shadow:4px 4px 4px 4px rgb(240, 209,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2180, 0.3055, 0.2845 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, 253) }
```

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

```
.background{ background-color: rgb(240,  
209, 253) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor