

Converting Colors

$Y_{xy}(72.4007, 0.3063, 0.2840)$

Have a look what the booklet for
Yxy(72.4007, 0.3063, 0.2840)
contains.

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Color

Yxy(72.3679, 0.3062, 0.2839)

Conversions

Conversions Part 1

Format	Color
Hex	F3D2FF
RGB	243, 210, 255
RGB Percent	95%, 82%, 100%
CMY	0.0472, 0.1764, 0.0000
CMYK	0.05, 0.18, 0.00, 0.00
HSL	284°, 100%, 91%
HSV	284°, 18%, 100%
XYZ	78.0523, 72.3679, 104.4861
YIQ	224.9970, 5.2230, 20.9910

Conversions

Conversions Part 2

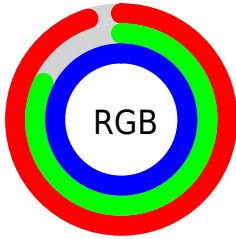
Format	Color
R_{YB}	243, 210, 255
Decimal	15979263
CIE _{Lab}	88.15, 19.32, -17.71
CIE _{LCh}	88, 26.209, 317.490
Yxy	72.3679, 0.3062, 0.2839
Android (android.graphics.Color)	4294169343 (0xFFFF3D2FF)
YUV	224.9970, 14.7915, 15.7886
Hunter-Lab	85.0693, 14.9050, -13.2742

Details

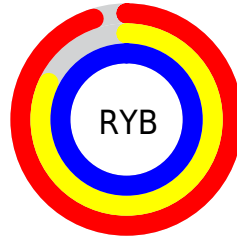
The Yxy color $72.3679, 0.3062, 0.2839$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $91.7120, 0.3180, 0.3761$, and the grayscale version is $75.1795, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.0847, 0.3050, 0.2739$ is the 20% darker color. If you saturate the color by 10%, you get $59.5724, 0.3015, 0.2569$, and if you desaturate by 10%, it is $87.2171, 0.3102, 0.3100$.

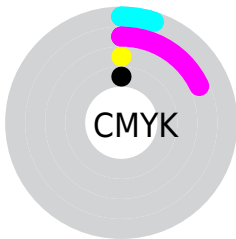
Distribution



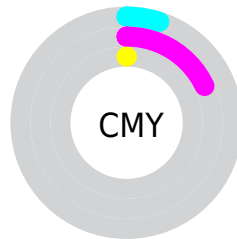
- Red (95%)
- Green (82%)
- Blue (100%)



- Red (95%)
- Yellow (82%)
- Blue (100%)



- Cyan (5%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)




- Cyan (5%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.3679, 0.3062, 0.2839 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 72.3679, 0.3062, 0.2839 by changing the saturation by 10% instead.


 72.3679, 0.3062,
0.2839

 72.3679, 0.3062,
0.2839


468.8211, 0.3095,
0.3041

 53.4593, 0.3054,
0.2795

122.5794, 0.3074,
0.2908

 38.1695, 0.3044,
0.2741


154.6511, 0.3078,
0.2935

 26.1143, 0.3030,
0.2674


191.8793, 0.3082,
0.2958

 16.9092, 0.3012,
0.2588

234.6484, 0.3085,
0.2979

 10.1697, 0.2987,
0.2475

283.3427, 0.3088,
0.2997

 5.5116, 0.2948,
0.2320

338.3466, 0.3091,

 2.5505, 0.2883,

0.3013

0.2095

400.0446, 0.3093,
0.3028

0.9018, 0.2761,
0.1743

0.0000, 0.2140,
0.0000

72.3679, 0.3062,
0.2839

72.3679, 0.3062,
0.2839

59.5724, 0.3015,
0.2569

87.2171, 0.3102,
0.3100

48.7317, 0.2961,
0.2295

100.0000, 0.3127,
0.3290

39.7440, 0.2900,
0.2030

32.4969, 0.2833,
0.1783

■ 26.8653, 0.2761,
0.1566

■ 22.7073, 0.2687,
0.1391

■ 19.8555, 0.2615,
0.1263

■ 18.0895, 0.2544,
0.1182

■ 17.7550, 0.2528,
0.1166

Harmonies

Analogous

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



72.3679, 0.2773, 0.2769



72.3679, 0.3062, 0.2839



72.3679, 0.3383, 0.3014

Triad

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



72.3679, 0.3062, 0.2839



72.3679, 0.3692, 0.3740



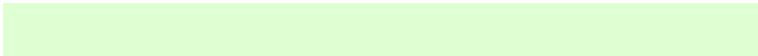
72.3679, 0.2634, 0.3291

Complementary

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



72.3679, 0.3062, 0.2839



91.7120, 0.3180, 0.3761

Split Complementary

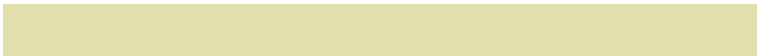
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.3679, 0.2861, 0.3590



72.3679, 0.3062, 0.2839



72.3679, 0.3472, 0.3852

Square

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



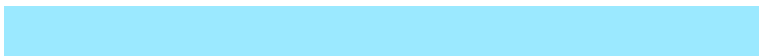
72.3679, 0.3062, 0.2839



72.3679, 0.3757, 0.3520



72.3679, 0.3167, 0.3802



72.3679, 0.2536, 0.3010

Rectangle

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



72.3679, 0.3062, 0.2839



72.3679, 0.3569, 0.3171



72.3679, 0.3167, 0.3802



72.3679, 0.2697, 0.3393

Sweetspot

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



72.3691, 0.3062, 0.2839



91.4918, 0.3111, 0.3167



73.5719, 0.2843, 0.2948



19.3364, 0.3108, 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.



72.3691, 0.3062, 0.2839



67.8462, 0.3047, 0.2749



73.9691, 0.3215, 0.2942



18.0416, 0.3095, 0.3053



9.3544, 0.2539, 0.1172



0.9643, 0.2618, 0.1216

Inverse Universe

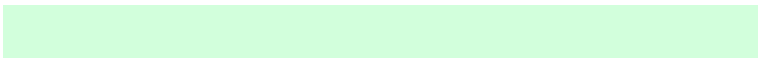
The Inverse Universe completely reimagines the original color for something new.



72.6379, 0.3381, 0.3169



68.1899, 0.3440, 0.3145



90.3787, 0.3050, 0.3664



18.0669, 0.3252, 0.3227



11.3494, 0.5879, 0.3012



1.1223, 0.5561, 0.2837

Previews

White Background



This preview shows how the Yxy color 72.3679, 0.3062, 0.2839 looks on a white background.

Color Contrast Check

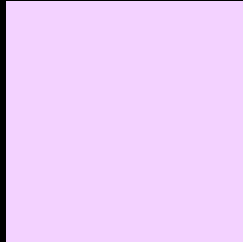
Large Text (above 18pt) WCAG AA × Fail

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 72.3679, 0.3062, 0.2839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

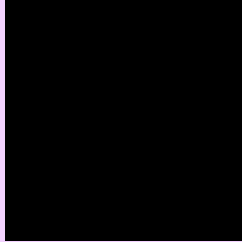
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.3679, 0.3062, 0.2839

Background



This preview shows how black text looks on a background with the Yxy color 72.3679, 0.3062, 0.2839.

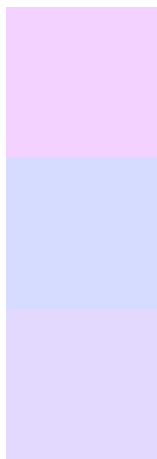


This preview shows how white text looks on a background with the Yxy color 72.3679, 0.3062, 0.2839.

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

72.3679, 0.3062, 0.2839

Protanopia

72.7025, 0.2867, 0.2920

Deuteranopia

72.5984, 0.2958, 0.2897



Tritanopia

72.2134, 0.3194, 0.3114

Trichromacy



Original Color

72.3679, 0.3062, 0.2839

Protanomaly

72.3393, 0.2938, 0.2886

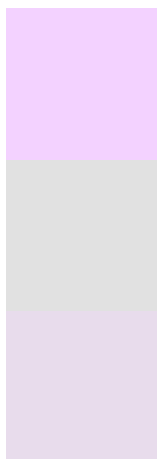
Deuteranomaly

72.5725, 0.2999, 0.2881

Tritanomaly

72.4050, 0.3140, 0.3013

Monochromacy



Original Color

72.3679, 0.3062, 0.2839

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.3983, 0.3107, 0.3123

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3679, 0.3062, 0.2839 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(243, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 210, 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(243, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 210, 255) }
```

Border

The CSS property to change the border of an element to Yxy 72.3679, 0.3062, 0.2839 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(243, 210, 255) }
```

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

```
.border{ border-color:rgb(243, 210, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 210,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3679, 0.3062, 0.2839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 210, 255) }
```

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

```
.background{ background-color: rgb(243,  
210, 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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