

Converting Colors

Yxy(73.9844, 0.2443, 0.1896)

Have a look what the booklet for
Yxy(73.9844, 0.2443, 0.1896)
contains.

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Color

Yxy(65.1570, 0.3021, 0.2699)

Conversions

Conversions Part 1

Format	Color
Hex	EDC5FF
RGB	237, 197, 255
RGB Percent	93%, 77%, 100%
CMY	0.0707, 0.2274, 0.0001
CMYK	0.07, 0.23, 0.00, 0.00
HSL	281°, 100%, 89%
HSV	281°, 23%, 100%
XYZ	72.9305, 65.1570, 103.3242
YIQ	215.5720, 5.2220, 26.5180

Conversions

Conversions Part 2

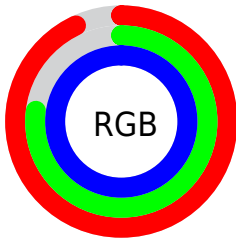
Format	Color
R _Y B	237, 197, 255
Decimal	15582719
CIE Lab	84.56, 24.28, -23.15
CIE LCh	85, 33.548, 316.366
Yxy	65.1570, 0.3021, 0.2699
Android (android.graphics.Color)	4293772799 (0xFFEDC5FF)
YUV	215.5720, 19.4380, 18.7924
Hunter-Lab	80.7199, 20.0150, -19.3893

Details

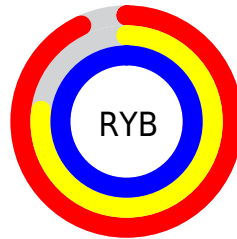
The Yxy color $65.1570, 0.3021, 0.2699$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $89.9929, 0.3209, 0.3910$, and the grayscale version is $68.2256, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.3636, 0.3128, 0.3281$, and $33.5459, 0.2995, 0.2571$ is the 20% darker color. If you saturate the color by 10%, you get $53.2076, 0.2961, 0.2422$, and if you desaturate by 10%, it is $79.1306, 0.3073, 0.2968$.

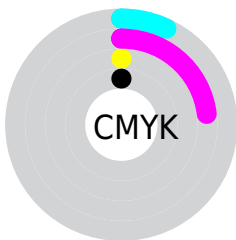
Distribution



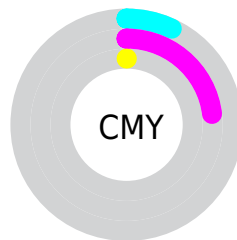
- Red (93%)
- Green (77%)
- Blue (100%)



- Red (93%)
- Yellow (77%)
- Blue (100%)



- Cyan (7%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.1570, 0.3021, 0.2699 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 65.1570, 0.3021, 0.2699 by changing the saturation by 10% instead.


 65.1570, 0.3021,
0.2699

 65.1570, 0.3021,
0.2699


443.3559, 0.3075,
0.2965

 47.5884, 0.3007,
0.2640

112.2755, 0.3041,
0.2790

 33.5010, 0.2990,
0.2569


142.5943, 0.3048,
0.2825

 22.5106, 0.2967,
0.2480


177.9318, 0.3055,
0.2856

 14.2325, 0.2936,
0.2366

218.6726, 0.3060,
0.2883

 8.2826, 0.2892,
0.2216

265.2010, 0.3065,
0.2907

 4.2763, 0.2824,
0.2012


317.9015, 0.3069,


 1.8293, 0.2710,


0.2929


0.1717


377.1583, 0.3072,
0.2948


 0.5053, 0.2523,
0.1164


 0.0000, 0.0211,
0.0000


 65.1570, 0.3021,
0.2699


 65.1570, 0.3021,
0.2699

 53.2076, 0.2961,
0.2422


 79.1306, 0.3073,
0.2968

 43.1750, 0.2892,
0.2146

 95.2125, 0.3117,
0.3223

 34.9539, 0.2815,
0.1881

99.9988, 0.3127,
0.3290

 28.4259, 0.2733,
0.1639

■ 23.4576, 0.2648,
0.1434

■ 19.8953, 0.2562,
0.1273

■ 17.5529, 0.2480,
0.1162

■ 16.4183, 0.2422,
0.1108

Harmonies

Analogous

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



65.1570, 0.2648, 0.2612



65.1570, 0.3021, 0.2699



65.1570, 0.3448, 0.2919

Triad

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



65.1570, 0.3021, 0.2699



65.1570, 0.3880, 0.3866



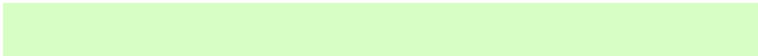
65.1570, 0.2488, 0.3299

Complementary

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



65.1570, 0.3021, 0.2699



89.9929, 0.3209, 0.3910

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.



65.1570, 0.2786, 0.3706



65.1570, 0.3021, 0.2699



65.1570, 0.3591, 0.4036

Square

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



65.1570, 0.3021, 0.2699



65.1570, 0.3963, 0.3567



65.1570, 0.3188, 0.3987



65.1570, 0.2358, 0.2924

Rectangle

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



65.1570, 0.3021, 0.2699



65.1570, 0.3701, 0.3118



65.1570, 0.3188, 0.3987



65.1570, 0.2571, 0.3439

Sweetspot

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



65.1598, 0.3021, 0.2699



88.0983, 0.3099, 0.3116



67.8840, 0.2756, 0.2857



18.6477, 0.3096, 0.3101



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.



65.1598, 0.3021, 0.2699



59.8262, 0.2996, 0.2581



67.7517, 0.3230, 0.2821



18.0006, 0.3088, 0.3052



8.6630, 0.2435, 0.1115



0.9014, 0.2525, 0.1165

Inverse Universe

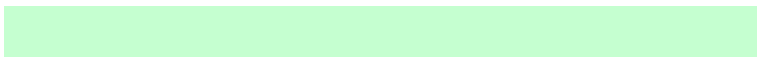
The Inverse Universe completely reimagines the original color for something new.



66.1065, 0.3453, 0.3107



60.9729, 0.3533, 0.3070



87.9183, 0.3039, 0.3810



18.0801, 0.3245, 0.3216



11.4291, 0.5730, 0.2930



1.1315, 0.5410, 0.2754

Previews

White Background



This preview shows how the Yxy color 65.1570, 0.3021, 0.2699 looks on a white background.

Color Contrast Check

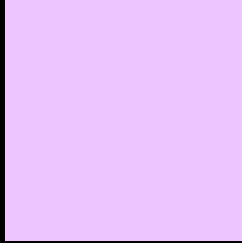
Large Text (above 18pt) WCAG AA × Fail

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 65.1570, 0.3021, 0.2699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

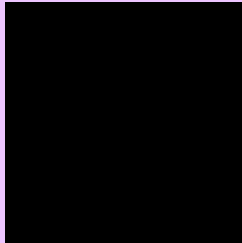
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.1570, 0.3021, 0.2699

Background



This preview shows how black text looks on a background with the Yxy color 65.1570, 0.3021, 0.2699.

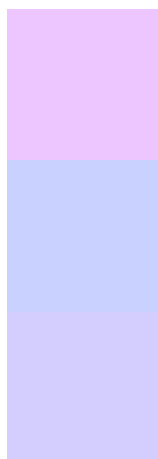


This preview shows how white text looks on a background with the Yxy color 65.1570, 0.3021, 0.2699.

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

65.1570, 0.3021, 0.2699

Protanopia

65.2384, 0.2776, 0.2789

Deuteranopia

65.0833, 0.2852, 0.2785



Tritanopia

64.9822, 0.3235, 0.3118

Trichromacy



Original Color

65.1570, 0.3021, 0.2699

Protanomaly

65.1788, 0.2860, 0.2757

Deuteranomaly

65.0833, 0.2907, 0.2751

Tritanomaly

65.0919, 0.3158, 0.2962

Monochromacy



Original Color

65.1570, 0.3021, 0.2699

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.1614, 0.3094, 0.3063

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1570, 0.3021, 0.2699 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(237, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 197, 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(237, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 197, 255) }
```

Border

The CSS property to change the border of an element to Yxy 65.1570, 0.3021, 0.2699 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(237, 197, 255) }
```

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

```
.border{ border-color:rgb(237, 197, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 197,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1570, 0.3021, 0.2699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 197, 255) }
```

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

```
.background{ background-color: rgb(237,  
197, 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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