

Converting Colors

Yxy(69.3581, 0.3003, 0.2868)

Have a look what the booklet for
Yxy(69.3581, 0.3003, 0.2868)
contains.

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Color

Yxy(69.3261, 0.3004, 0.2865)

Conversions

Conversions Part 1

Format	Color
Hex	E6D1FA
RGB	230, 209, 250
RGB Percent	90%, 82%, 98%
CMY	0.0979, 0.1804, 0.0198
CMYK	0.08, 0.16, 0.00, 0.02
HSL	271°, 80%, 90%
HSV	271°, 16%, 98%
XYZ	72.6896, 69.3261, 99.9603
YIQ	219.9530, -0.6450, 17.2030

Conversions

Conversions Part 2

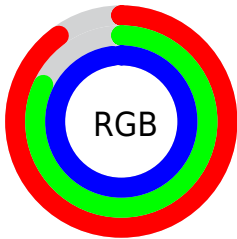
Format	Color
R _Y B	230, 209, 250
Decimal	15127034
CIE Lab	86.67, 14.72, -17.37
CIE LCh	87, 22.770, 310.279
Yxy	69.3261, 0.3004, 0.2865
Android (android.graphics.Color)	4293317114 (0xFFE6D1FA)
YUV	219.9530, 14.8132, 8.8112
Hunter-Lab	83.2623, 10.1249, -12.8968

Details

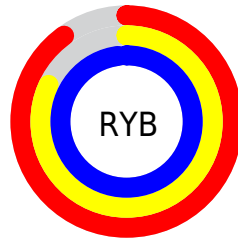
The Yxy color $69.3261, 0.3004, 0.2865$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $89.5991, 0.3234, 0.3717$, and the grayscale version is $71.4335, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.2916, 0.2973, 0.2781$ is the 20% darker color. If you saturate the color by 10%, you get $56.0670, 0.2912, 0.2581$, and if you desaturate by 10%, it is $84.6558, 0.3083, 0.3131$.

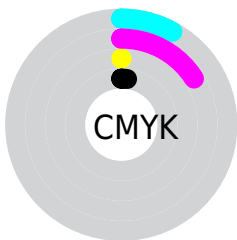
Distribution



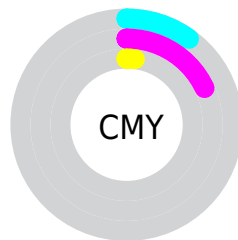
- Red (90%)
- Green (82%)
- Blue (98%)



- Red (90%)
- Yellow (82%)
- Blue (98%)



- Cyan (8%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)





- Cyan (10%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.3261, 0.3004, 0.2865 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 69.3261, 0.3004, 0.2865 by changing the saturation by 10% instead.


 69.3261, 0.3004,
0.2865

 69.3261, 0.3004,
0.2865


458.1803, 0.3063,
0.3057

 50.9773, 0.2990,
0.2822


118.2472, 0.3025,
0.2931

 36.1906, 0.2972,
0.2770


149.5884, 0.3033,
0.2957

 24.5814, 0.2950,
0.2704


186.0291, 0.3040,
0.2979

 15.7655, 0.2919,
0.2620

227.9538, 0.3046,
0.2999

 9.3583, 0.2877,
0.2507

275.7469, 0.3051,
0.3016

 4.9756, 0.2815,
0.2351

329.7927, 0.3056,

 2.2330, 0.2714,

0.3031

0.2119

390.4757, 0.3060,
0.3045

0.7379, 0.2532,
0.1730

0.0000, 0.0103,
0.0000

69.3261, 0.3004,
0.2865

69.3261, 0.3004,
0.2865

56.0670, 0.2912,
0.2581

84.6558, 0.3083,
0.3131

44.7773, 0.2808,
0.2285

99.5583, 0.3152,
0.3338

35.3604, 0.2692,
0.1987

99.6797, 0.3156,
0.3338

27.7080, 0.2566,
0.1699

■ 21.7000, 0.2436,
0.1435

■ 17.2010, 0.2306,
0.1212

■ 14.0524, 0.2182,
0.1040

■ 12.0574, 0.2069,
0.0925

■ 11.5119, 0.2031,
0.0893

Harmonies

Analogous

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



69.3261, 0.2764, 0.2830



69.3261, 0.3004, 0.2865



69.3261, 0.3287, 0.3001

Triad

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



69.3261, 0.3004, 0.2865



69.3261, 0.3653, 0.3650



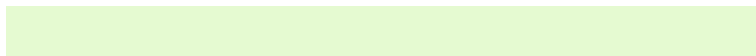
69.3261, 0.2730, 0.3357

Complementary

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



69.3261, 0.3004, 0.2865



89.5991, 0.3234, 0.3717

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.



69.3261, 0.2954, 0.3607



69.3261, 0.3004, 0.2865



69.3261, 0.3489, 0.3774

Square

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



69.3261, 0.3004, 0.2865



69.3261, 0.3671, 0.3441



69.3261, 0.3231, 0.3763



69.3261, 0.2612, 0.3099

Rectangle

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



69.3261, 0.3004, 0.2865



69.3261, 0.3462, 0.3133



69.3261, 0.3231, 0.3763



69.3261, 0.2795, 0.3446

Sweetspot

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



69.3290, 0.3004, 0.2865



90.9751, 0.3093, 0.3166



76.7612, 0.2869, 0.3072



19.2107, 0.3088, 0.3148



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.



69.3290, 0.3004, 0.2865



67.2579, 0.2972, 0.2764



72.8188, 0.3146, 0.2883



17.0810, 0.3060, 0.3051



6.1944, 0.2048, 0.0902



0.6368, 0.2175, 0.0972

Inverse Universe

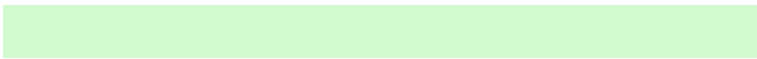
The Inverse Universe completely reimagines the original color for something new.



71.5728, 0.3294, 0.3088



70.0930, 0.3338, 0.3041



86.5068, 0.3106, 0.3733



17.3660, 0.3217, 0.3175



11.5505, 0.5019, 0.2538



1.0911, 0.4745, 0.2388

Previews

White Background



This preview shows how the Yxy color 69.3261, 0.3004, 0.2865 looks on a white background.

Color Contrast Check

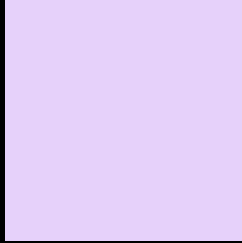
Large Text (above 18pt) WCAG AA × Fail

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 69.3261, 0.3004, 0.2865 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 69.3261, 0.3004, 0.2865

Background



This preview shows how black text looks on a background with the Yxy color 69.3261, 0.3004, 0.2865.

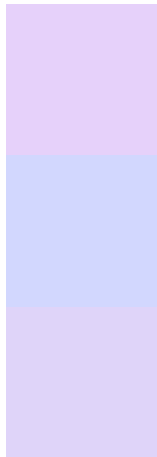


This preview shows how white text looks on a background with the Yxy color 69.3261, 0.3004, 0.2865.

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

69.3261, 0.3004, 0.2865

Protanopia

69.4583, 0.2844, 0.2873

Deuteranopia

69.6145, 0.2961, 0.2901



Tritanopia

69.5765, 0.3121, 0.3119

Trichromacy



Original Color

69.3261, 0.3004, 0.2865

Protanomaly

69.4321, 0.2896, 0.2867

Deuteranomaly

69.5968, 0.2982, 0.2892

Tritanomaly

69.6954, 0.3075, 0.3025

Monochromacy



Original Color

69.3261, 0.3004, 0.2865

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.7285, 0.3085, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3261, 0.3004, 0.2865 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(230, 209, 250)` looks like.

```
.text, #text, p{  
    color:rgb(230, 209, 250)  
}
```

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(230, 209, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 209, 250) }
```

Border

The CSS property to change the border of an element to Yxy 69.3261, 0.3004, 0.2865 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(230, 209, 250) }
```

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

```
.border{ border-color:rgb(230, 209, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 209, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 209, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 209, 250);  
box-shadow:4px 4px 4px 4px rgb(230, 209,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3261, 0.3004, 0.2865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 209, 250) }
```

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

```
.background{ background-color: rgb(230,  
209, 250) }
```

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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