

Converting Colors

$Y_{xy}(75.1849, 0.2672, 0.2129)$

Have a look what the booklet for
Yxy(75.1849, 0.2672, 0.2129)
contains.

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Color

Yxy(69.1377, 0.3145, 0.2741)

Conversions

Conversions Part 1

Format	Color
Hex	FEC7FF
RGB	254, 199, 255
RGB Percent	100%, 78%, 100%
CMY	0.0042, 0.2195, 0.0000
CMYK	0.00, 0.22, 0.00, 0.00
HSL	299°, 100%, 89%
HSV	299°, 22%, 100%
XYZ	79.3280, 69.1377, 103.7696
YIQ	221.8290, 14.8040, 29.0760

Conversions

Conversions Part 2

Format	Color
R _Y B	254, 199, 255
Decimal	16697343
CIE _{Lab}	86.57, 28.64, -19.97
CIE _{LCh}	87, 34.914, 325.111
Y _{xy}	69.1377, 0.3145, 0.2741
Android (android.graphics.Color)	4294887423 (0xFFFE07FF)
Y _{UV}	221.8290, 16.3533, 28.2140
Hunter-Lab	83.1491, 24.7862, -15.7892

Details

The Yxy color $69.1377, 0.3145, 0.2741$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $87.9371, 0.3105, 0.3905$, and the grayscale version is $72.7938, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.1983, 0.3148, 0.2629$ is the 20% darker color. If you saturate the color by 10%, you get $58.2793, 0.3152, 0.2490$, and if you desaturate by 10%, it is $81.9685, 0.3137, 0.2994$.

Distribution



- Red (100%)
- Green (78%)
- Blue (100%)



- Red (100%)
- Yellow (78%)
- Blue (100%)



- Cyan (0%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1377, 0.3145, 0.2741 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 69.1377, 0.3145, 0.2741 by changing the saturation by 10% instead.


 69.1377, 0.3145,
0.2741

 69.1377, 0.3145,
0.2741


457.5165, 0.3141,
0.2985

 50.8239, 0.3145,
0.2687


117.9782, 0.3145,
0.2824

 36.0684, 0.3144,
0.2622


149.2737, 0.3144,
0.2857

 24.4871, 0.3142,
0.2542


185.6652, 0.3144,
0.2885

 15.6953, 0.3139,
0.2440

227.5371, 0.3143,
0.2910

 9.3088, 0.3132,
0.2306

275.2738, 0.3143,
0.2932

 4.9432, 0.3118,
0.2123


329.2596, 0.3142,


 2.2139, 0.3088,


0.2952


0.1862


389.8791, 0.3142,
0.2970


 0.7276, 0.3022,
0.1448


 0.0000, 0.2561,
0.0000


 69.1377, 0.3145,
0.2741


 69.1377, 0.3145,
0.2741

 58.2793, 0.3152,
0.2490


 81.9685, 0.3137,
0.2994

 49.2864, 0.3158,
0.2252

 96.8537, 0.3129,
0.3243

 42.0557, 0.3163,
0.2034

99.9999, 0.3127,
0.3290

 36.4702, 0.3166,
0.1849

■ 32.3988, 0.3168,
0.1702

■ 29.6906, 0.3167,
0.1598

■ 28.1634, 0.3164,
0.1538

■ 27.5718, 0.3161,
0.1515

Harmonies

Analogous

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



69.1377, 0.2738, 0.2609



69.1377, 0.3145, 0.2741



69.1377, 0.3574, 0.2996

Triad

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



69.1377, 0.3145, 0.2741



69.1377, 0.3827, 0.3946



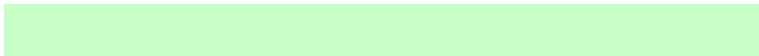
69.1377, 0.2418, 0.3178

Complementary

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



69.1377, 0.3145, 0.2741



87.9371, 0.3105, 0.3905

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.



69.1377, 0.2676, 0.3600



69.1377, 0.3145, 0.2741



69.1377, 0.3487, 0.4063

Square

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



69.1377, 0.3145, 0.2741



69.1377, 0.3981, 0.3668



69.1377, 0.3064, 0.3941



69.1377, 0.2340, 0.2828

Rectangle

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



69.1377, 0.3145, 0.2741



69.1377, 0.3805, 0.3211



69.1377, 0.3064, 0.3941



69.1377, 0.2485, 0.3317

Sweetspot

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



69.1407, 0.3145, 0.2741



89.0710, 0.3133, 0.3118



61.0928, 0.2756, 0.2695



18.8735, 0.3133, 0.3103



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.



69.1407, 0.3145, 0.2741



64.5080, 0.3148, 0.2639



67.7726, 0.3344, 0.2990



18.2817, 0.3135, 0.3056



14.4150, 0.3162, 0.1515



1.4089, 0.3167, 0.1519

Inverse Universe

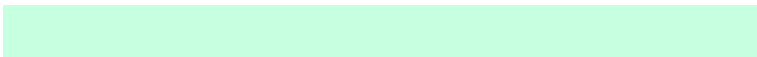
The Inverse Universe completely reimagines the original color for something new.



66.2967, 0.3568, 0.3280



61.2422, 0.3676, 0.3278



89.1104, 0.2956, 0.3611



17.9927, 0.3292, 0.3286



11.1168, 0.6381, 0.3289



1.0843, 0.6335, 0.3264

Previews

White Background



This preview shows how the Yxy color 69.1377, 0.3145, 0.2741 looks on a white background.

Color Contrast Check

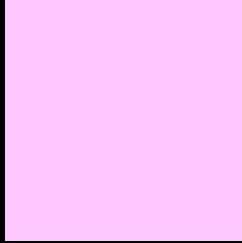
Large Text (above 18pt) WCAG AA × Fail

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 69.1377, 0.3145, 0.2741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

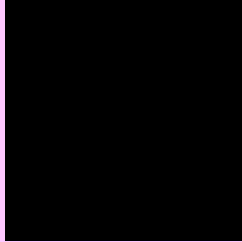
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.1377, 0.3145, 0.2741

Background



This preview shows how black text looks on a background with the Yxy color 69.1377, 0.3145, 0.2741.



This preview shows how white text looks on a background with the Yxy color 69.1377, 0.3145, 0.2741.

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

69.1377, 0.3145, 0.2741

Protanopia

69.2308, 0.2825, 0.2861

Deuteranopia

69.5510, 0.2923, 0.2859



Tritanopia

69.0228, 0.3349, 0.3126

Trichromacy



Original Color

69.1377, 0.3145, 0.2741



Protanomaly

68.8285, 0.2937, 0.2811



Deuteranomaly

69.1050, 0.2999, 0.2808



Tritanomaly

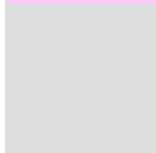
69.1043, 0.3278, 0.2987

Monochromacy



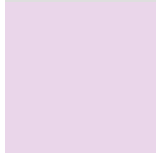
Original Color

69.1377, 0.3145, 0.2741



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

71.5261, 0.3137, 0.3081

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1377, 0.3145, 0.2741 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(254, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 199, 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(254, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 199, 255) }
```

Border

The CSS property to change the border of an element to Yxy 69.1377, 0.3145, 0.2741 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(254, 199, 255) }
```

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

```
.border{ border-color:rgb(254, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 199,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1377, 0.3145, 0.2741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 199, 255) }
```

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

```
.background{ background-color: rgb(254,  
199, 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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