

Converting Colors

$Yxy(69.1697, 0.3138, 0.2784)$

Have a look what the booklet for
Yxy(69.1697, 0.3138, 0.2784)
contains.

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Color

Yxy(69.1256, 0.3136, 0.2783)

Conversions

Conversions Part 1

Format	Color
Hex	FAC9FC
RGB	250, 201, 252
RGB Percent	98%, 79%, 99%
CMY	0.0195, 0.2118, 0.0116
CMYK	0.01, 0.20, 0.00, 0.01
HSL	298°, 90%, 89%
HSV	298°, 20%, 99%
XYZ	77.8936, 69.1256, 101.3660
YIQ	221.4650, 12.8330, 26.2490

Conversions

Conversions Part 2

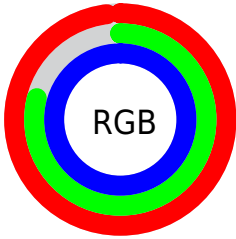
Format	Color
R _Y B	250, 201, 252
Decimal	16435708
CIE Lab	86.57, 25.81, -18.45
CIE LCh	87, 31.725, 324.442
Yxy	69.1256, 0.3136, 0.2783
Android (android.graphics.Color)	4294625788 (0xFFFA C9FC)
YUV	221.4650, 15.0538, 25.0252
Hunter-Lab	83.1418, 21.7343, -14.0868

Details

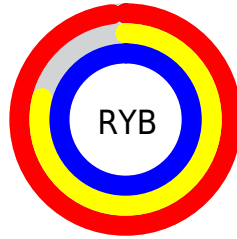
The Yxy color **69.1256, 0.3136, 0.2783** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.5605, 0.3113, 0.3850**, and the grayscale version is **72.5397, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1450, 0.3136, 0.2681** is the 20% darker color. If you saturate the color by 10%, you get **58.1435, 0.3139, 0.2530**, and if you desaturate by 10%, it is **82.0426, 0.3132, 0.3037**.

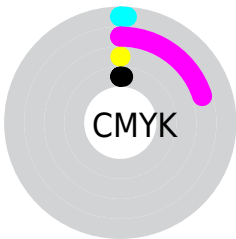
Distribution



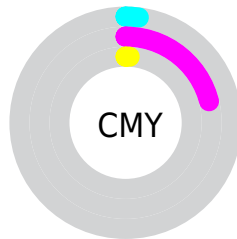
- Red (98%)
- Green (79%)
- Blue (99%)



- Red (98%)
- Yellow (79%)
- Blue (99%)



- Cyan (1%)
- Magenta (20%)
- Yellow (0%)
- Black (1%)





- Cyan (2%)
- Magenta (21%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1256, 0.3136, 0.2783 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 69.1256, 0.3136, 0.2783 by changing the saturation by 10% instead.

 69.1256, 0.3136,
0.2783

 69.1256, 0.3136,
0.2783


457.4738, 0.3136,
0.3010

 50.8140, 0.3135,
0.2733


117.9610, 0.3137,
0.2860

 36.0606, 0.3134,
0.2672


149.2535, 0.3137,
0.2891

 24.4810, 0.3131,
0.2597


185.6418, 0.3137,
0.2917

 15.6908, 0.3127,
0.2501

227.5103, 0.3137,
0.2940

 9.3056, 0.3119,
0.2374

275.2434, 0.3136,
0.2961

 4.9411, 0.3104,
0.2201


329.2254, 0.3136,


 2.2127, 0.3074,


0.2979


0.1949


389.8407, 0.3136,
0.2995


 0.7269, 0.3008,
0.1542


 0.0000, 0.2348,
0.0000


 69.1256, 0.3136,
0.2783


 69.1256, 0.3136,
0.2783


 58.1435, 0.3139,
0.2530


 82.0426, 0.3132,
0.3037

 48.9932, 0.3140,
0.2286

 96.9729, 0.3127,
0.3284

 41.5761, 0.3140,
0.2061

 99.4355, 0.3132,
0.3318

 35.7804, 0.3137,
0.1865

 99.6226, 0.3138,
0.3318

■ 31.4813, 0.3133,
0.1707

99.8108, 0.3144,
0.3318

■ 28.5361, 0.3126,
0.1592

99.8109, 0.3144,
0.3318

■ 26.7741, 0.3118,
0.1521

■ 25.9254, 0.3109,
0.1486

Harmonies

Analogous

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



69.1256, 0.2766, 0.2665



69.1256, 0.3136, 0.2783



69.1256, 0.3526, 0.3016

Triad

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



69.1256, 0.3136, 0.2783



69.1256, 0.3770, 0.3885



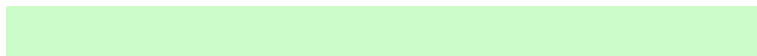
69.1256, 0.2483, 0.3199

Complementary

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



69.1256, 0.3136, 0.2783



86.5605, 0.3113, 0.3850

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.



69.1256, 0.2724, 0.3579



69.1256, 0.3136, 0.2783



69.1256, 0.3465, 0.3990

Square

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



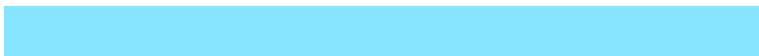
69.1256, 0.3136, 0.2783



69.1256, 0.3903, 0.3633



69.1256, 0.3081, 0.3882



69.1256, 0.2407, 0.2878

Rectangle

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



69.1256, 0.3136, 0.2783



69.1256, 0.3736, 0.3214



69.1256, 0.3081, 0.3882



69.1256, 0.2546, 0.3325

Sweetspot

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



69.1286, 0.3136, 0.2783



90.5094, 0.3130, 0.3143



62.4157, 0.2789, 0.2757



19.1615, 0.3130, 0.3127



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.



69.1286, 0.3136, 0.2783



66.5195, 0.3137, 0.2687



68.1328, 0.3317, 0.3005



17.4876, 0.3132, 0.3056



13.5157, 0.3111, 0.1487



1.2623, 0.3123, 0.1494

Inverse Universe

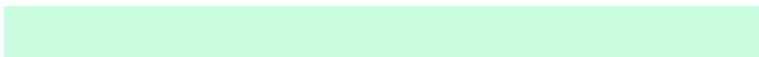
The Inverse Universe completely reimagines the original color for something new.



66.7839, 0.3517, 0.3270



63.7499, 0.3611, 0.3266



87.4428, 0.2973, 0.3593



17.2363, 0.3288, 0.3281



10.7968, 0.6360, 0.3277



1.0038, 0.6262, 0.3223

Previews

White Background



This preview shows how the Yxy color 69.1256, 0.3136, 0.2783 looks on a white background.

Color Contrast Check

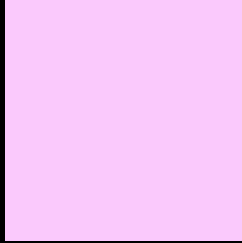
Large Text (above 18pt) WCAG AA × Fail

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 69.1256, 0.3136, 0.2783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

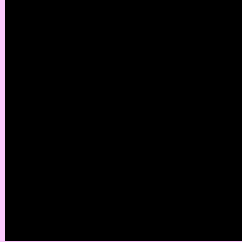
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.1256, 0.3136, 0.2783

Background



This preview shows how black text looks on a background with the Yxy color 69.1256, 0.3136, 0.2783.



This preview shows how white text looks on a background with the Yxy color 69.1256, 0.3136, 0.2783.

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

69.1256, 0.3136, 0.2783

Protanopia

69.3762, 0.2832, 0.2862

Deuteranopia

69.5187, 0.2948, 0.2890



Tritanopia

69.0094, 0.3317, 0.3125

Trichromacy



Original Color

69.1256, 0.3136, 0.2783

Protanomaly

69.0962, 0.2936, 0.2831

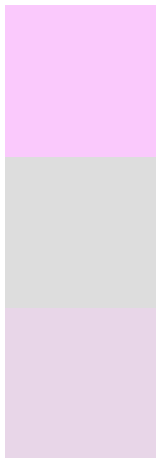
Deuteranomaly

69.2326, 0.3011, 0.2846

Tritanomaly

68.8431, 0.3247, 0.2994

Monochromacy



Original Color

69.1256, 0.3136, 0.2783

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.0751, 0.3136, 0.3100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1256, 0.3136, 0.2783 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(250, 201, 252)` looks like.

```
.text, #text, p{  
    color:rgb(250, 201, 252)  
}
```

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(250, 201, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 201, 252) }
```

Border

The CSS property to change the border of an element to Yxy 69.1256, 0.3136, 0.2783 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(250, 201, 252) }
```

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

```
.border{ border-color:rgb(250, 201, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 201, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 201, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 201, 252);  
box-shadow:4px 4px 4px 4px rgb(250, 201,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1256, 0.3136, 0.2783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 201, 252) }
```

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

```
.background{ background-color: rgb(250,  
201, 252) }
```

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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