

Converting Colors

$Yxy(69.6099, 0.3128, 0.2757)$

Have a look what the booklet for
Yxy(69.6099, 0.3128, 0.2757)
contains.

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Color

Yxy(69.6887, 0.3130, 0.2758)

Conversions

Conversions Part 1

Format	Color
Hex	FCC9FF
RGB	252, 201, 255
RGB Percent	99%, 79%, 100%
CMY	0.0117, 0.2118, 0.0000
CMYK	0.01, 0.21, 0.00, 0.00
HSL	297°, 100%, 89%
HSV	297°, 21%, 100%
XYZ	79.0883, 69.6887, 103.9014
YIQ	222.4050, 13.0620, 27.6060

Conversions

Conversions Part 2

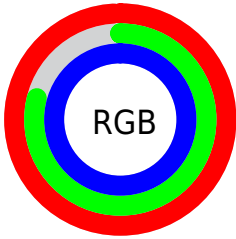
Format	Color
R _Y B	252, 201, 255
Decimal	16566783
CIE Lab	86.84, 26.99, -19.58
CIE LCh	87, 33.349, 324.036
Yxy	69.6887, 0.3130, 0.2758
Android (android.graphics.Color)	4294756863 (0xFFFC9FF)
YUV	222.4050, 16.0693, 25.9548
Hunter-Lab	83.4798, 23.0205, -15.3582

Details

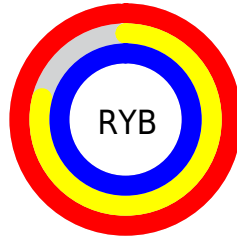
The Yxy color $69.6887, 0.3130, 0.2758$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $88.5707, 0.3118, 0.3878$, and the grayscale version is $73.2274, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.5468, 0.3128, 0.2651$ is the 20% darker color. If you saturate the color by 10%, you get $58.5111, 0.3129, 0.2504$, and if you desaturate by 10%, it is $82.8459, 0.3129, 0.3013$.

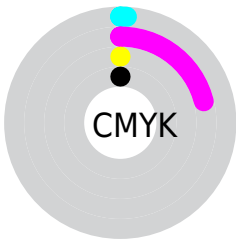
Distribution



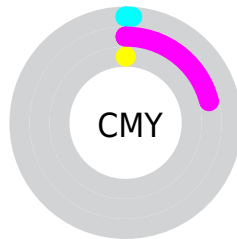
- Red (99%)
- Green (79%)
- Blue (100%)



- Red (99%)
- Yellow (79%)
- Blue (100%)



- Cyan (1%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.6887, 0.3130, 0.2758 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 69.6887, 0.3130, 0.2758 by changing the saturation by 10% instead.

 69.6887, 0.3130,
0.2758

 69.6887, 0.3130,
0.2758


459.4562, 0.3133,
0.2995

 51.2728, 0.3128,
0.2706

118.7647, 0.3132,
0.2838

 36.4258, 0.3126,
0.2643


150.1936, 0.3132,
0.2870

 24.7632, 0.3122,
0.2565


186.7289, 0.3133,
0.2898

 15.9007, 0.3116,
0.2465

228.7551, 0.3133,
0.2922

 9.4539, 0.3105,
0.2335

276.6566, 0.3133,
0.2943

 5.0384, 0.3087,
0.2157

330.8176, 0.3133,


 2.2698, 0.3051,

0.2963

0.1902


391.6227, 0.3133,
0.2980


 0.7577, 0.2973,
0.1500

 0.0000, 0.2484,
0.0000


 69.6887, 0.3130,
0.2758


 69.6887, 0.3130,
0.2758


 58.5111, 0.3129,
0.2504

 82.8459, 0.3129,
0.3013

 49.2094, 0.3126,
0.2259

 98.0669, 0.3127,
0.3261

 41.6801, 0.3121,
0.2034

 100.0000, 0.3127,
0.3290

 35.8072, 0.3114,
0.1838

■ 31.4608, 0.3105,
0.1681

■ 28.4918, 0.3093,
0.1566

■ 26.7211, 0.3081,
0.1496

■ 25.9091, 0.3069,
0.1464

Harmonies

Analogous

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



69.6887, 0.2744, 0.2637



69.6887, 0.3130, 0.2758



69.6887, 0.3540, 0.2999

Triad

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



69.6887, 0.3130, 0.2758



69.6887, 0.3804, 0.3909



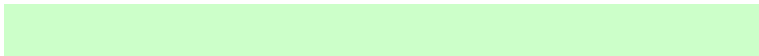
69.6887, 0.2456, 0.3199

Complementary

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



69.6887, 0.3130, 0.2758



88.5707, 0.3118, 0.3878

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.



69.6887, 0.2709, 0.3599



69.6887, 0.3130, 0.2758



69.6887, 0.3485, 0.4025

Square

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



69.6887, 0.3130, 0.2758



69.6887, 0.3941, 0.3642



69.6887, 0.3083, 0.3916



69.6887, 0.2374, 0.2861

Rectangle

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



69.6887, 0.3130, 0.2758



69.6887, 0.3762, 0.3204



69.6887, 0.3083, 0.3916



69.6887, 0.2522, 0.3331

Sweetspot

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



69.6908, 0.3130, 0.2758



90.4640, 0.3129, 0.3143



63.1067, 0.2772, 0.2739



19.1507, 0.3129, 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.



69.6908, 0.3130, 0.2758



65.1899, 0.3130, 0.2660



68.8348, 0.3321, 0.2983



18.2463, 0.3129, 0.3055



13.5602, 0.3071, 0.1465



1.3353, 0.3088, 0.1475

Inverse Universe

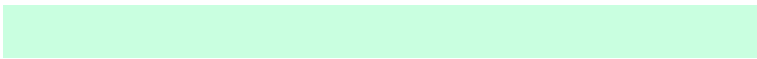
The Inverse Universe completely reimagines the original color for something new.



67.3899, 0.3533, 0.3261



62.5603, 0.3629, 0.3255



89.3404, 0.2971, 0.3619



18.0033, 0.3286, 0.3277



11.1319, 0.6345, 0.3269



1.0893, 0.6216, 0.3198

Previews

White Background



This preview shows how the Yxy color 69.6887, 0.3130, 0.2758 looks on a white background.

Color Contrast Check

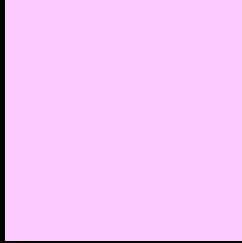
Large Text (above 18pt) WCAG AA × Fail

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 69.6887, 0.3130, 0.2758 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 69.6887, 0.3130, 0.2758

Background



This preview shows how black text looks on a background with the Yxy color 69.6887, 0.3130, 0.2758.



This preview shows how white text looks on a background with the Yxy color 69.6887, 0.3130, 0.2758.

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

69.6887, 0.3130, 0.2758

Protanopia

69.8870, 0.2832, 0.2873

Deuteranopia

69.7084, 0.2929, 0.2860



Tritanopia

69.7275, 0.3317, 0.3126

Trichromacy



Original Color

69.6887, 0.3130, 0.2758



Protanomaly

69.8161, 0.2937, 0.2833



Deuteranomaly

69.5911, 0.2999, 0.2818



Tritanomaly

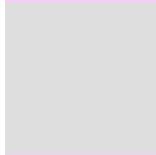
69.8005, 0.3247, 0.2986

Monochromacy



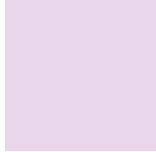
Original Color

69.6887, 0.3130, 0.2758



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

71.3573, 0.3130, 0.3080

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6887, 0.3130, 0.2758 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(252, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 201, 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(252, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 201, 255) }
```

Border

The CSS property to change the border of an element to Yxy 69.6887, 0.3130, 0.2758 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(252, 201, 255) }
```

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

```
.border{ border-color:rgb(252, 201, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 201,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6887, 0.3130, 0.2758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 201, 255) }
```

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

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