

Converting Colors

$Yxy(69.4979, 0.3080, 0.2777)$

Have a look what the booklet for
Yxy(69.4979, 0.3080, 0.2777)
contains.

Yxy(69.3443, 0.3078, 0.2770)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.3443, 0.3078, 0.2770)

Conversions

Conversions Part 1

Format	Color
Hex	F5CBFF
RGB	245, 203, 255
RGB Percent	96%, 80%, 100%
CMY	0.0393, 0.2039, 0.0000
CMYK	0.04, 0.20, 0.00, 0.00
HSL	288°, 100%, 90%
HSV	288°, 20%, 100%
XYZ	77.0548, 69.3443, 103.9413
YIQ	221.4860, 8.3400, 25.0760

Conversions

Conversions Part 2

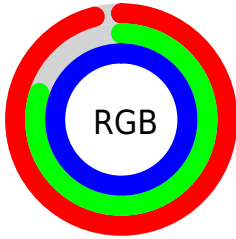
Format	Color
R _Y B	245, 203, 255
Decimal	16108543
CIE _{Lab}	86.67, 23.66, -19.90
CIE _{LCh}	87, 30.916, 319.927
Yxy	69.3443, 0.3078, 0.2770
Android (android.graphics.Color)	4294298623 (0xFFFF5CBFF)
YUV	221.4860, 16.5224, 20.6218
Hunter-Lab	83.2732, 19.4423, -15.7143

Details

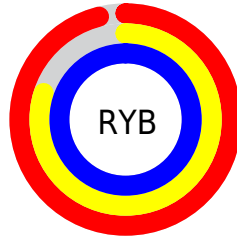
The Yxy color $69.3443, 0.3078, 0.2770$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $89.9861, 0.3163, 0.3846$, and the grayscale version is $72.5421, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.2635, 0.3061, 0.2663$ is the 20% darker color. If you saturate the color by 10%, you get $57.4022, 0.3046, 0.2504$, and if you desaturate by 10%, it is $83.2950, 0.3105, 0.3031$.

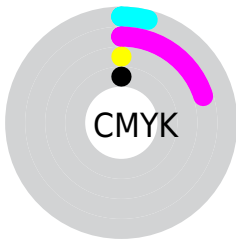
Distribution



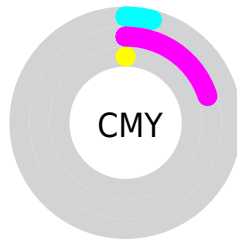
- Red (96%)
- Green (80%)
- Blue (100%)



- Red (96%)
- Yellow (80%)
- Blue (100%)



- Cyan (4%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)




- Cyan (4%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.3443, 0.3078, 0.2770 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 69.3443, 0.3078, 0.2770 by changing the saturation by 10% instead.


 69.3443, 0.3078,
0.2770

 69.3443, 0.3078,
0.2770


458.2444, 0.3105,
0.3003

 50.9922, 0.3071,
0.2719

118.2732, 0.3088,
0.2849

 36.2024, 0.3062,
0.2657


149.6188, 0.3092,
0.2880

 24.5905, 0.3050,
0.2579


186.0642, 0.3095,
0.2907

 15.7723, 0.3033,
0.2481

227.9940, 0.3097,
0.2931

 9.3631, 0.3009,
0.2351

275.7926, 0.3100,
0.2952

 4.9788, 0.2971,
0.2174

329.8442, 0.3102,

 2.2348, 0.2905,

0.2971

0.1918

390.5333, 0.3103,
0.2987

0.7389, 0.2779,
0.1510

0.0000, 0.1868,
0.0000

69.3443, 0.3078,
0.2770

69.3443, 0.3078,
0.2770

57.4022, 0.3046,
0.2504

83.2950, 0.3105,
0.3031

47.3654, 0.3008,
0.2241

99.3383, 0.3126,
0.3281

39.1309, 0.2966,
0.1991

100.0000, 0.3127,
0.3290

32.5836, 0.2919,
0.1766

■ 27.5946, 0.2868,
0.1576

■ 24.0164, 0.2816,
0.1429

■ 21.6727, 0.2764,
0.1328

■ 20.3114, 0.2715,
0.1270

Harmonies

Analogous

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



69.3443, 0.2729, 0.2675



69.3443, 0.3078, 0.2770



69.3443, 0.3462, 0.2983

Triad

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



69.3443, 0.3078, 0.2770



69.3443, 0.3786, 0.3840



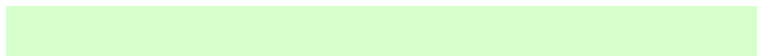
69.3443, 0.2525, 0.3257

Complementary

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



69.3443, 0.3078, 0.2770



89.9861, 0.3163, 0.3846

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.



69.3443, 0.2781, 0.3624



69.3443, 0.3078, 0.2770



69.3443, 0.3509, 0.3968

Square

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



69.3443, 0.3078, 0.2770



69.3443, 0.3884, 0.3581



69.3443, 0.3140, 0.3895



69.3443, 0.2425, 0.2929

Rectangle

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



69.3443, 0.3078, 0.2770



69.3443, 0.3680, 0.3171



69.3443, 0.3140, 0.3895



69.3443, 0.2595, 0.3381

Sweetspot

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



69.3464, 0.3078, 0.2770



90.0680, 0.3115, 0.3142



67.7156, 0.2792, 0.2840



19.0568, 0.3113, 0.3126



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.



69.3464, 0.3078, 0.2770



64.8029, 0.3067, 0.2674



70.2357, 0.3262, 0.2928



18.1128, 0.3107, 0.3054



10.6761, 0.2724, 0.1274



1.0828, 0.2782, 0.1306

Inverse Universe

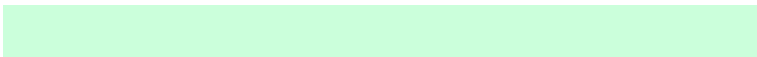
The Inverse Universe completely reimagines the original color for something new.



68.7864, 0.3459, 0.3189



64.1920, 0.3534, 0.3169



89.3129, 0.3015, 0.3682



18.0444, 0.3264, 0.3244



11.2418, 0.6098, 0.3133



1.1089, 0.5804, 0.2971

Previews

White Background



This preview shows how the Yxy color 69.3443, 0.3078, 0.2770 looks on a white background.

Color Contrast Check

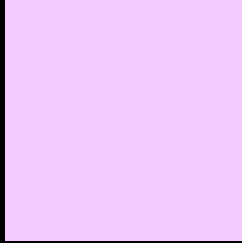
Large Text (above 18pt) WCAG AA × Fail

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 69.3443, 0.3078, 0.2770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

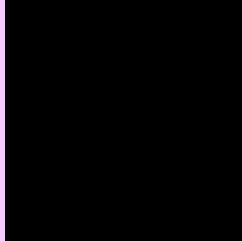
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

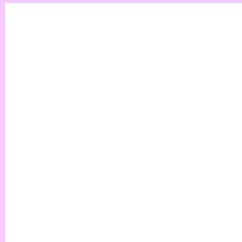
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.3443, 0.3078, 0.2770

Background



This preview shows how black text looks on a background with the Yxy color 69.3443, 0.3078, 0.2770.



This preview shows how white text looks on a background with the Yxy color 69.3443, 0.3078, 0.2770.

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

69.3443, 0.3078, 0.2770

Protanopia

69.8870, 0.2832, 0.2873

Deuteranopia

69.5510, 0.2923, 0.2859



Tritanopia

69.0733, 0.3248, 0.3112

Trichromacy



Original Color

69.3443, 0.3078, 0.2770

Protanomaly

69.3381, 0.2917, 0.2830

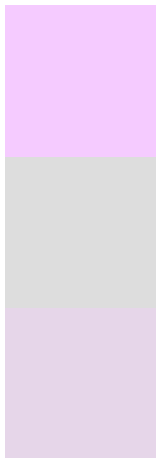
Deuteranomaly

69.5797, 0.2978, 0.2826

Tritanomaly

69.0760, 0.3186, 0.2981

Monochromacy



Original Color

69.3443, 0.3078, 0.2770

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

70.7993, 0.3115, 0.3089

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3443, 0.3078, 0.2770 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(245, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 203, 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(245, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 203, 255) }
```

Border

The CSS property to change the border of an element to Yxy 69.3443, 0.3078, 0.2770 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(245, 203, 255) }
```

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

```
.border{ border-color:rgb(245, 203, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 203,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3443, 0.3078, 0.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 203, 255) }
```

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

```
.background{ background-color: rgb(245,  
203, 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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