

Converting Colors

$Yxy(89.9466, 0.3977, 0.2973)$

Have a look what the booklet for
Yxy(89.9466, 0.3977, 0.2973)
contains.

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Color

Yxy(67.3656, 0.3277, 0.2881)

Conversions

Conversions Part 1

Format	Color
Hex	FFC5EE
RGB	255, 197, 238
RGB Percent	100%, 77%, 93%
CMY	0.0002, 0.2273, 0.0667
CMYK	0.00, 0.23, 0.07, 0.00
HSL	318°, 100%, 89%
HSV	318°, 23%, 100%
XYZ	76.6252, 67.3656, 89.8364
YIQ	219.0160, 21.4070, 25.0470

Conversions

Conversions Part 2

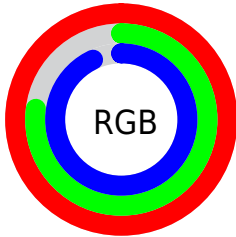
Format	Color
R _Y B	255, 197, 238
Decimal	16762350
CIE Lab	85.69, 27.04, -12.26
CIE LCh	86, 29.689, 335.613
Yxy	67.3656, 0.3277, 0.2881
Android (android.graphics.Color)	4294952430 (0xFFFFC5EE)
YUV	219.0160, 9.3591, 31.5580
Hunter-Lab	82.0765, 23.0104, -7.4419

Details

The Yxy color **67.3656, 0.3277, 0.2881** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.2239, 0.3004, 0.3737**, and the grayscale version is **70.7728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **35.0281, 0.3314, 0.2793** is the 20% darker color. If you saturate the color by 10%, you get **56.3206, 0.3361, 0.2695**, and if you desaturate by 10%, it is **80.3930, 0.3204, 0.3065**.

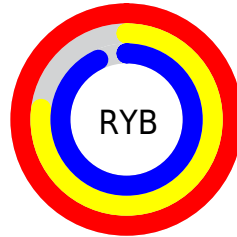
Distribution



Red (100%)

Green (77%)

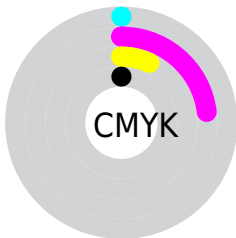
Blue (93%)



Red (100%)

Yellow (77%)

Blue (93%)

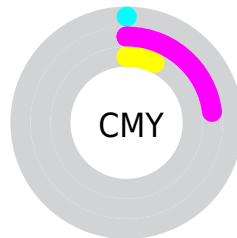


Cyan (0%)

Magenta (23%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.3656, 0.3277, 0.2881 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 67.3656, 0.3277, 0.2881 by changing the saturation by 10% instead.


 67.3656, 0.3277,
0.2881

 67.3656, 0.3277,
0.2881


451.2450, 0.3210,
0.3066

 49.3818, 0.3292,
0.2840


115.4441, 0.3254,
0.2944

 34.9224, 0.3310,
0.2789


146.3076, 0.3245,
0.2969

 23.6031, 0.3332,
0.2726


182.2332, 0.3237,
0.2991

 15.0395, 0.3361,
0.2645

223.6051, 0.3230,
0.3010

 8.8471, 0.3399,
0.2536

270.8079, 0.3224,
0.3026

 4.6416, 0.3451,
0.2385

324.2259, 0.3219,

 2.0385, 0.3527,

0.3041

0.2159

384.2434, 0.3214,
0.3054

0.6297, 0.3670,
0.1736

0.0000, 0.3796,
0.0000

67.3656, 0.3277,
0.2881

67.3656, 0.3277,
0.2881

56.3206, 0.3361,
0.2695

80.3930, 0.3204,
0.3065

47.1502, 0.3458,
0.2515

95.4854, 0.3142,
0.3243

39.7503, 0.3565,
0.2349

99.9925, 0.3127,
0.3290

34.0028, 0.3682,
0.2208

■ 29.7751, 0.3806,
0.2103

■ 26.9141, 0.3931,
0.2044

■ 25.2343, 0.4055,
0.2035

■ 24.5572, 0.4142,
0.2055

Harmonies

Analogous

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



67.3656, 0.2908, 0.2724



67.3656, 0.3277, 0.2881



67.3656, 0.3622, 0.3133

Triad

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



67.3656, 0.3277, 0.2881



67.3656, 0.3643, 0.3910



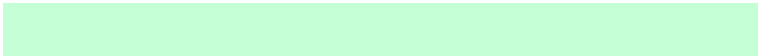
67.3656, 0.2471, 0.3081

Complementary

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



67.3656, 0.3277, 0.2881



88.2239, 0.3004, 0.3737

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.



67.3656, 0.2645, 0.3431



67.3656, 0.3277, 0.2881



67.3656, 0.3316, 0.3936

Square

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



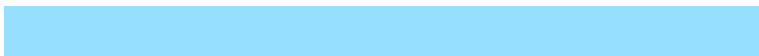
67.3656, 0.3277, 0.2881



67.3656, 0.3836, 0.3716



67.3656, 0.2950, 0.3758



67.3656, 0.2461, 0.2819

Rectangle

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



67.3656, 0.3277, 0.2881



67.3656, 0.3782, 0.3331



67.3656, 0.2950, 0.3758



67.3656, 0.2511, 0.3192

Sweetspot

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



67.3686, 0.3277, 0.2881



88.8029, 0.3168, 0.3168



61.3738, 0.2852, 0.2669



18.8113, 0.3171, 0.3157



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.



67.3686, 0.3277, 0.2881



62.4288, 0.3312, 0.2801



65.8289, 0.3496, 0.3162



18.2043, 0.3183, 0.3123



12.8635, 0.4123, 0.2045



1.2716, 0.3993, 0.1973

Inverse Universe

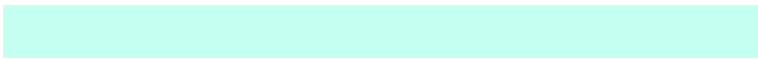
The Inverse Universe completely reimagines the original color for something new.



67.3686, 0.3277, 0.2881



62.4288, 0.3312, 0.2801



89.8039, 0.2853, 0.3423



18.2043, 0.3183, 0.3123



12.8635, 0.4123, 0.2045



1.2716, 0.3993, 0.1973

Previews

White Background



This preview shows how the Yxy color 67.3656, 0.3277, 0.2881 looks on a white background.

Color Contrast Check

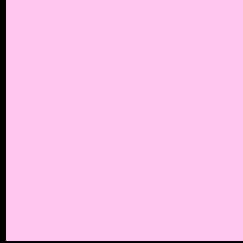
Large Text (above 18pt) WCAG AA × Fail

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 67.3656, 0.3277, 0.2881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

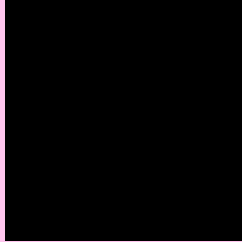
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.3656, 0.3277, 0.2881

Background



This preview shows how black text looks on a background with the Yxy color 67.3656, 0.3277, 0.2881.



This preview shows how white text looks on a background with the Yxy color 67.3656, 0.3277, 0.2881.

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

67.3656, 0.3277, 0.2881

Protanopia

67.7757, 0.2866, 0.2910

Deuteranopia

67.8258, 0.3068, 0.3002



Tritanopia

67.4266, 0.3416, 0.3137

Trichromacy



Original Color

67.3656, 0.3277, 0.2881



Protanomaly

67.1649, 0.3007, 0.2898



Deuteranomaly

67.7816, 0.3143, 0.2957



Tritanomaly

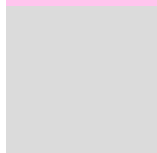
67.5730, 0.3364, 0.3046

Monochromacy



Original Color

67.3656, 0.3277, 0.2881



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

69.2353, 0.3179, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3656, 0.3277, 0.2881 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(255, 197, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 238)  
}
```

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(255, 197, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 238) }
```

Border

The CSS property to change the border of an element to Yxy 67.3656, 0.3277, 0.2881 is called "border". The border property can be set on classes, ids or directly on the HTML element.

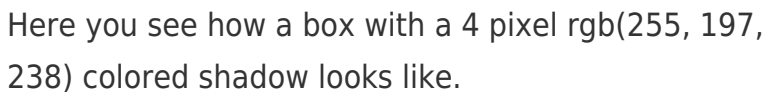
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 197, 238) }
```

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

```
.border{ border-color:rgb(255, 197, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 197, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 197, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 197, 238); box-shadow:4px 4px 4px 4px rgb(255, 197, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3656, 0.3277, 0.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 238) }
```

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

```
.background{ background-color: rgb(255,  
197, 238) }
```

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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