

Converting Colors

$Y_{xy}(78.4879, 0.3761, 0.3020)$

Have a look what the booklet for
Yxy(78.4879, 0.3761, 0.3020)
contains.

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Color

Yxy(66.7939, 0.3353, 0.2977)

Conversions

Conversions Part 1

Format	Color
Hex	FFC5E4
RGB	255, 197, 228
RGB Percent	100%, 77%, 89%
CMY	0.0000, 0.2275, 0.1058
CMYK	0.00, 0.23, 0.11, 0.00
HSL	328°, 100%, 89%
HSV	328°, 23%, 100%
XYZ	75.2301, 66.7939, 82.3425
YIQ	217.8760, 24.6170, 21.9370

Conversions

Conversions Part 2

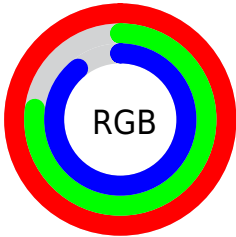
Format	Color
R_{YB}	255, 197, 228
Decimal	16762340
CIE _{Lab}	85.40, 25.44, -7.39
CIE _{LCh}	85, 26.493, 343.807
Yxy	66.7939, 0.3353, 0.2977
Android (android.graphics.Color)	4294952420 (0xFFFFC5E4)
YUV	217.8760, 4.9911, 32.5577
Hunter-Lab	81.7275, 21.2858, -2.5269

Details

The Yxy color **66.7939, 0.3353, 0.2977** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.7663, 0.2950, 0.3626**, and the grayscale version is **69.9641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **34.6678, 0.3405, 0.2903** is the 20% darker color. If you saturate the color by 10%, you get **55.5325, 0.3484, 0.2833**, and if you desaturate by 10%, it is **80.0398, 0.3242, 0.3119**.

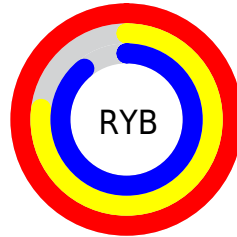
Distribution



Red (100%)

Green (77%)

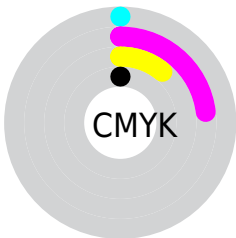
Blue (89%)



Red (100%)

Yellow (77%)

Blue (89%)

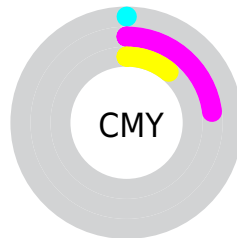


Cyan (0%)

Magenta (23%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.7939, 0.3353, 0.2977 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 66.7939, 0.3353, 0.2977 by changing the saturation by 10% instead.


 66.7939, 0.3353,
0.2977

 66.7939, 0.3353,
0.2977


449.2108, 0.3249,
0.3120

 48.9172, 0.3377,
0.2945


114.6250, 0.3317,
0.3026

 34.5538, 0.3406,
0.2905


145.3482, 0.3303,
0.3046

 23.3193, 0.3443,
0.2855


181.1223, 0.3291,
0.3062

 14.8295, 0.3492,
0.2790

222.3318, 0.3280,
0.3077

 8.6998, 0.3558,
0.2702

269.3610, 0.3271,
0.3090

 4.5459, 0.3653,
0.2577


322.5943, 0.3263,


 1.9834, 0.3802,

0.3101


0.2386


382.4161, 0.3255,
0.3111


 0.5978, 0.4105,
0.1980


 0.0000, 1.0000,
0.0000


 66.7939, 0.3353,
0.2977

 66.7939, 0.3353,
0.2977

 55.5325, 0.3484,
0.2833

 80.0398, 0.3242,
0.3119

 46.1850, 0.3640,
0.2692

 95.3915, 0.3150,
0.3254

 38.6338, 0.3819,
0.2562

100.0000, 0.3127,
0.3290

 32.7600, 0.4021,
0.2456

■ 28.4301, 0.4239,
0.2385

■ 25.4902, 0.4467,
0.2362

■ 23.7536, 0.4692,
0.2393

■ 23.0503, 0.4850,
0.2445

Harmonies

Analogous

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



66.7939, 0.3019, 0.2808



66.7939, 0.3353, 0.2977



66.7939, 0.3636, 0.3222

Triad

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



66.7939, 0.3353, 0.2977



66.7939, 0.3519, 0.3868



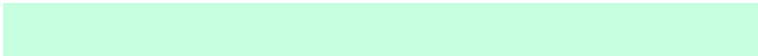
66.7939, 0.2519, 0.3030

Complementary

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



66.7939, 0.3353, 0.2977



88.7663, 0.2950, 0.3626

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.



66.7939, 0.2638, 0.3329



66.7939, 0.3353, 0.2977



66.7939, 0.3208, 0.3839

Square

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



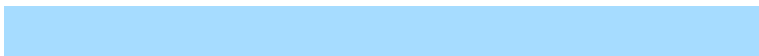
66.7939, 0.3353, 0.2977



66.7939, 0.3731, 0.3733



66.7939, 0.2887, 0.3636



66.7939, 0.2551, 0.2825

Rectangle

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



66.7939, 0.3353, 0.2977



66.7939, 0.3750, 0.3404



66.7939, 0.2887, 0.3636



66.7939, 0.2542, 0.3123

Sweetspot

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



66.7843, 0.3352, 0.2977



88.6122, 0.3187, 0.3198



62.8434, 0.2921, 0.2681



18.7671, 0.3192, 0.3189



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.



66.7843, 0.3352, 0.2977



61.7682, 0.3406, 0.2916



65.3460, 0.3574, 0.3261



18.1496, 0.3210, 0.3164



12.0748, 0.4816, 0.2426



1.1978, 0.4581, 0.2297

Inverse Universe

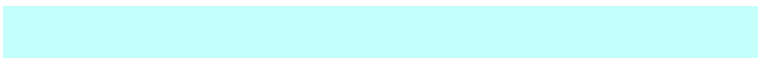
The Inverse Universe completely reimagines the original color for something new.



66.7843, 0.3352, 0.2977



61.7682, 0.3406, 0.2916



90.4216, 0.2804, 0.3320



18.1496, 0.3210, 0.3164



12.0748, 0.4816, 0.2426



1.1978, 0.4581, 0.2297

Previews

White Background



This preview shows how the Yxy color 66.7939, 0.3353, 0.2977 looks on a white background.

Color Contrast Check

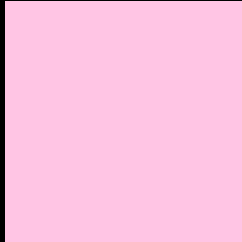
Large Text (above 18pt) WCAG AA × Fail

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 66.7939, 0.3353, 0.2977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

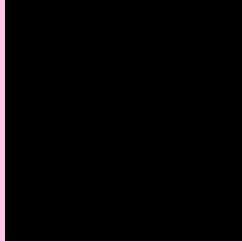
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.7939, 0.3353, 0.2977

Background



This preview shows how black text looks on a background with the Yxy color 66.7939, 0.3353, 0.2977.



This preview shows how white text looks on a background with the Yxy color 66.7939, 0.3353, 0.2977.

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

66.7939, 0.3353, 0.2977

Protanopia

66.9030, 0.2948, 0.3015

Deuteranopia

66.7746, 0.3159, 0.3086



Tritanopia

66.6358, 0.3434, 0.3127

Trichromacy



Original Color

66.7939, 0.3353, 0.2977

Protanomaly

66.7349, 0.3082, 0.3001

Deuteranomaly

66.4351, 0.3223, 0.3038

Tritanomaly

66.6263, 0.3405, 0.3066

Monochromacy



Original Color

66.7939, 0.3353, 0.2977

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

68.3560, 0.3200, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7939, 0.3353, 0.2977 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 228) }
```

Border

The CSS property to change the border of an element to Yxy 66.7939, 0.3353, 0.2977 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, 228) }
```

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

```
.border{ border-color:rgb(255, 197, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7939, 0.3353, 0.2977 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, 228) }
```

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

```
.background{ background-color: rgb(255,  
197, 228) }
```

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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