

Converting Colors

$Y_{xy}(74.1866, 0.3491, 0.2907)$

Have a look what the booklet for
Yxy(74.1866, 0.3491, 0.2907)
contains.

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Color

Yxy(67.9394, 0.3261, 0.2872)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6F0
RGB	255, 198, 240
RGB Percent	100%, 78%, 94%
CMY	0.0003, 0.2234, 0.0589
CMYK	0.00, 0.22, 0.06, 0.00
HSL	316°, 100%, 89%
HSV	316°, 22%, 100%
XYZ	77.1415, 67.9394, 91.4769
YIQ	219.8310, 20.4900, 25.1460

Conversions

Conversions Part 2

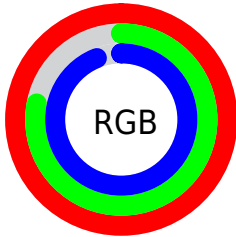
Format	Color
R_{YB}	255, 198, 240
Decimal	16762608
CIE _{Lab}	85.98, 26.84, -12.90
CIE _{LCh}	86, 29.780, 334.336
Yxy	67.9394, 0.3261, 0.2872
Android (android.graphics.Color)	4294952688 (0xFFFFC6F0)
YUV	219.8310, 9.9433, 30.8432
Hunter-Lab	82.4254, 22.8129, -8.1032

Details

The Yxy color $67.9394, 0.3261, 0.2872$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $88.2893, 0.3016, 0.3748$, and the grayscale version is $71.3638, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.4130, 0.3293, 0.2782$ is the 20% darker color. If you saturate the color by 10%, you get $56.8593, 0.3337, 0.2679$, and if you desaturate by 10%, it is $81.0016, 0.3195, 0.3064$.

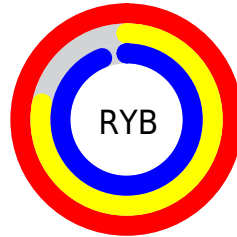
Distribution



Red (100%)

Green (78%)

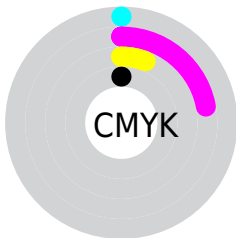
Blue (94%)



Red (100%)

Yellow (78%)

Blue (94%)

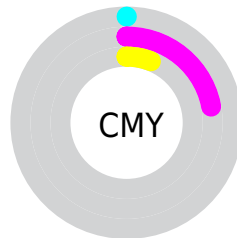


Cyan (0%)

Magenta (22%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (22%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.9394, 0.3261, 0.2872 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 67.9394, 0.3261, 0.2872 by changing the saturation by 10% instead.

 67.9394, 0.3261,
0.2872

 67.9394, 0.3261,
0.2872

453.2813, 0.3202,
0.3061

 49.8484, 0.3274,
0.2830


116.2654, 0.3241,
0.2937

 35.2930, 0.3290,
0.2779


147.2693, 0.3233,
0.2962

 23.8887, 0.3309,
0.2714


183.3463, 0.3226,
0.2984

 15.2510, 0.3334,
0.2632

224.8807, 0.3220,
0.3003

 8.9958, 0.3367,
0.2522

272.2571, 0.3215,
0.3020

 4.7384, 0.3411,
0.2370


325.8597, 0.3210,


 2.0946, 0.3473,


0.3035

0.2143


386.0729, 0.3205,
0.3049

 0.6616, 0.3585,
0.1736

 0.0000, 0.3575,
0.0000


 67.9394, 0.3261,
0.2872


 67.9394, 0.3261,
0.2872

 56.8593, 0.3337,
0.2679


 81.0016, 0.3195,
0.3064

 47.6540, 0.3423,
0.2492

 96.1283, 0.3139,
0.3248

 40.2198, 0.3519,
0.2319

99.9868, 0.3127,
0.3290

 34.4391, 0.3622,
0.2172

■ 30.1803, 0.3730,
0.2060

■ 27.2914, 0.3840,
0.1994

■ 25.5885, 0.3947,
0.1977

■ 24.8769, 0.4027,
0.1992

Harmonies

Analogous

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



67.9394, 0.2893, 0.2720



67.9394, 0.3261, 0.2872



67.9394, 0.3609, 0.3121

Triad

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



67.9394, 0.3261, 0.2872



67.9394, 0.3655, 0.3905



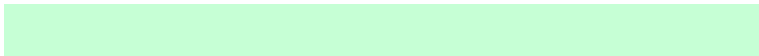
67.9394, 0.2475, 0.3095

Complementary

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



67.9394, 0.3261, 0.2872



88.2893, 0.3016, 0.3748

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.



67.9394, 0.2655, 0.3446



67.9394, 0.3261, 0.2872



67.9394, 0.3331, 0.3939

Square

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



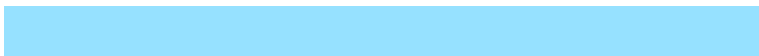
67.9394, 0.3261, 0.2872



67.9394, 0.3841, 0.3705



67.9394, 0.2965, 0.3769



67.9394, 0.2458, 0.2827

Rectangle

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



67.9394, 0.3261, 0.2872



67.9394, 0.3774, 0.3318



67.9394, 0.2965, 0.3769



67.9394, 0.2518, 0.3207

Sweetspot

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



67.9424, 0.3261, 0.2872



88.8370, 0.3164, 0.3163



61.6562, 0.2845, 0.2679



18.8192, 0.3168, 0.3152



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.



67.9424, 0.3261, 0.2872



62.5508, 0.3295, 0.2781



66.4184, 0.3473, 0.3145



18.2141, 0.3178, 0.3116



13.0327, 0.4010, 0.1983



1.2869, 0.3898, 0.1921

Inverse Universe

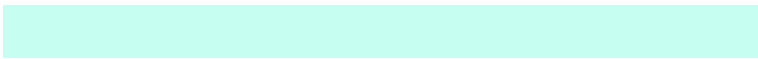
The Inverse Universe completely reimagines the original color for something new.



67.9424, 0.3261, 0.2872



62.5508, 0.3295, 0.2781



89.8197, 0.2868, 0.3440



18.2141, 0.3178, 0.3116



13.0327, 0.4010, 0.1983



1.2869, 0.3898, 0.1921

Previews

White Background



This preview shows how the Yxy color 67.9394, 0.3261, 0.2872 looks on a white background.

Color Contrast Check

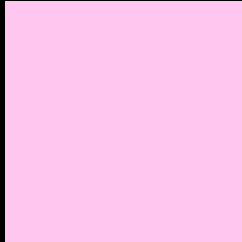
Large Text (above 18pt) WCAG AA × Fail

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 67.9394, 0.3261, 0.2872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

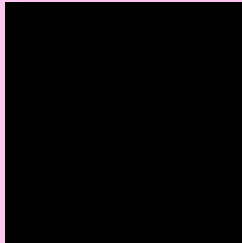
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.9394, 0.3261, 0.2872

Background



This preview shows how black text looks on a background with the Yxy color 67.9394, 0.3261, 0.2872.



This preview shows how white text looks on a background with the Yxy color 67.9394, 0.3261, 0.2872.

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

67.9394, 0.3261, 0.2872

Protanopia

68.5506, 0.2861, 0.2902

Deuteranopia

67.9427, 0.3054, 0.2982



Tritanopia

67.9985, 0.3399, 0.3127

Trichromacy



Original Color

67.9394, 0.3261, 0.2872



Protanomaly

67.9343, 0.3001, 0.2890



Deuteranomaly

67.8992, 0.3129, 0.2937



Tritanomaly

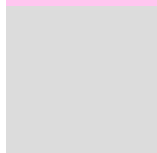
68.1469, 0.3347, 0.3037

Monochromacy



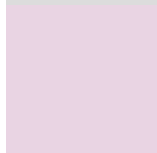
Original Color

67.9394, 0.3261, 0.2872



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

69.9567, 0.3179, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9394, 0.3261, 0.2872 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, 198, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 240)  
}
```

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, 198, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 240) }
```

Border

The CSS property to change the border of an element to Yxy 67.9394, 0.3261, 0.2872 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, 198, 240) }
```

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

```
.border{ border-color:rgb(255, 198, 240) }
```

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

Here you see how a box with a 4 pixel rgb(255, 198, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9394, 0.3261, 0.2872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 240) }
```

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

```
.background{ background-color: rgb(255,  
198, 240) }
```

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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