

Converting Colors

$Y_{xy}(67.1251, 0.3199, 0.2759)$

Have a look what the booklet for
Yxy(67.1251, 0.3199, 0.2759)
contains.

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Color

Yxy(67.1298, 0.3198, 0.2757)

Conversions

Conversions Part 1

Format	Color
Hex	FFC3F9
RGB	255, 195, 249
RGB Percent	100%, 76%, 98%
CMY	0.0000, 0.2354, 0.0235
CMYK	0.00, 0.24, 0.02, 0.00
HSL	306°, 100%, 88%
HSV	306°, 24%, 100%
XYZ	77.8676, 67.1298, 98.4911
YIQ	219.0960, 18.4260, 29.5140

Conversions

Conversions Part 2

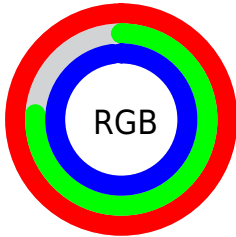
Format	Color
R _Y B	255, 195, 249
Decimal	16761849
CIE Lab	85.57, 30.05, -18.30
CIE LCh	86, 35.189, 328.657
Yxy	67.1298, 0.3198, 0.2757
Android (android.graphics.Color)	4294951929 (0xFFFFC3F9)
YUV	219.0960, 14.7427, 31.4878
Hunter-Lab	81.9328, 26.2613, -13.9194

Details

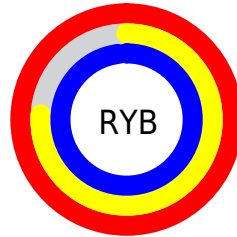
The Yxy color $67.1298, 0.3198, 0.2757$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $87.3356, 0.3063, 0.3888$, and the grayscale version is $70.7893, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1008, 0.3128, 0.3261$, and $34.8613, 0.3217, 0.2650$ is the 20% darker color. If you saturate the color by 10%, you get $56.5003, 0.3233, 0.2529$, and if you desaturate by 10%, it is $79.7022, 0.3165, 0.2987$.

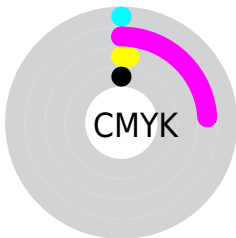
Distribution



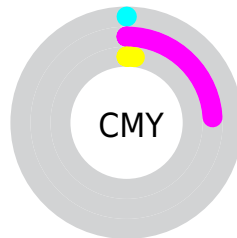
- Red (100%)
- Green (76%)
- Blue (98%)



- Red (100%)
- Yellow (76%)
- Blue (98%)



- Cyan (0%)
- Magenta (24%)
- Yellow (2%)
- Black (0%)




- Cyan (0%)
- Magenta (24%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.1298, 0.3198, 0.2757 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 67.1298, 0.3198, 0.2757 by changing the saturation by 10% instead.

 67.1298, 0.3198,
0.2757

 67.1298, 0.3198,
0.2757


450.4067, 0.3170,
0.2996

 49.1901, 0.3203,
0.2704


 115.1064, 0.3189,
0.2838

 34.7703, 0.3210,
0.2640


145.9121, 0.3185,
0.2870

 23.4860, 0.3217,
0.2561


181.7752, 0.3182,
0.2898

 14.9528, 0.3225,
0.2459

223.0802, 0.3179,
0.2922

 8.7863, 0.3234,
0.2326

270.2115, 0.3176,
0.2944

 4.6020, 0.3242,
0.2142

323.5534, 0.3174,

 2.0157, 0.3246,

0.2963

0.1877

383.4903, 0.3172,
0.2980

0.6166, 0.3249,
0.1415

0.0000, 0.2640,
0.0000

67.1298, 0.3198,
0.2757

67.1298, 0.3198,
0.2757

56.5003, 0.3233,
0.2529

79.7022, 0.3165,
0.2987

47.7301, 0.3271,
0.2312

94.3251, 0.3137,
0.3212

40.7062, 0.3311,
0.2115

100.0000, 0.3127,
0.3290

35.3097, 0.3351,
0.1949

■ 31.4068, 0.3390,
0.1821

■ 28.8425, 0.3428,
0.1738

■ 27.4279, 0.3462,
0.1699

■ 26.9502, 0.3483,
0.1692

Harmonies

Analogous

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



67.1298, 0.2775, 0.2606



67.1298, 0.3198, 0.2757



67.1298, 0.3629, 0.3028

Triad

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



67.1298, 0.3198, 0.2757



67.1298, 0.3806, 0.3982



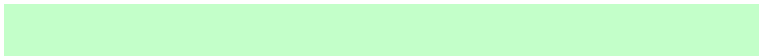
67.1298, 0.2386, 0.3127

Complementary

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



67.1298, 0.3198, 0.2757



87.3356, 0.3063, 0.3888

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.



67.1298, 0.2628, 0.3555



67.1298, 0.3198, 0.2757



67.1298, 0.3443, 0.4076

Square

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



67.1298, 0.3198, 0.2757



67.1298, 0.3990, 0.3712



67.1298, 0.3012, 0.3922



67.1298, 0.2331, 0.2788

Rectangle

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



67.1298, 0.3198, 0.2757



67.1298, 0.3850, 0.3250



67.1298, 0.3012, 0.3922



67.1298, 0.2448, 0.3266

Sweetspot

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



67.1246, 0.3198, 0.2757



89.0212, 0.3146, 0.3135



58.5214, 0.2758, 0.2629



18.8620, 0.3148, 0.3122



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.



67.1246, 0.3198, 0.2757



62.1452, 0.3213, 0.2655



65.4507, 0.3417, 0.3036



18.2673, 0.3153, 0.3079



14.0948, 0.3478, 0.1689



1.3810, 0.3443, 0.1670

Inverse Universe

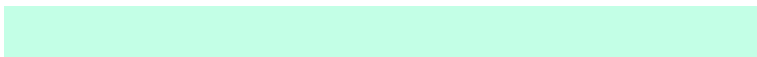
The Inverse Universe completely reimagines the original color for something new.



67.1246, 0.3198, 0.2757



62.1452, 0.3213, 0.2655



88.8330, 0.2907, 0.3560



18.2673, 0.3153, 0.3079



14.0948, 0.3478, 0.1689



1.3810, 0.3443, 0.1670

Previews

White Background



This preview shows how the Yxy color 67.1298, 0.3198, 0.2757 looks on a white background.

Color Contrast Check

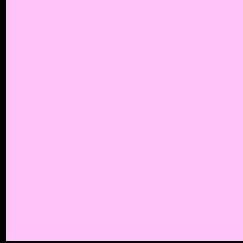
Large Text (above 18pt) WCAG AA × Fail

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 67.1298, 0.3198, 0.2757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

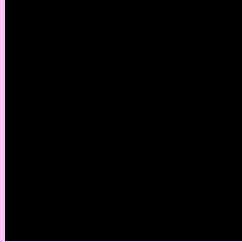
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.1298, 0.3198, 0.2757

Background



This preview shows how black text looks on a background with the Yxy color 67.1298, 0.3198, 0.2757.



This preview shows how white text looks on a background with the Yxy color 67.1298, 0.3198, 0.2757.

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

67.1298, 0.3198, 0.2757

Protanopia

67.2861, 0.2804, 0.2826

Deuteranopia

67.4704, 0.2959, 0.2896



Tritanopia

67.2404, 0.3408, 0.3136

Trichromacy



Original Color

67.1298, 0.3198, 0.2757



Protanomaly

66.9224, 0.2935, 0.2797



Deuteranomaly

67.2248, 0.3045, 0.2844



Tritanomaly

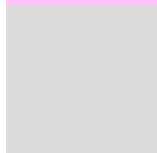
67.1437, 0.3327, 0.2996

Monochromacy



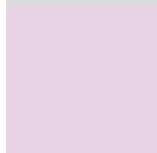
Original Color

67.1298, 0.3198, 0.2757



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

68.9622, 0.3152, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1298, 0.3198, 0.2757 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, 195, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 249)  
}
```

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, 195, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 249) }
```

Border

The CSS property to change the border of an element to Yxy 67.1298, 0.3198, 0.2757 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, 195, 249) }
```

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

```
.border{ border-color:rgb(255, 195, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1298, 0.3198, 0.2757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 249) }
```

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

```
.background{ background-color: rgb(255,  
195, 249) }
```

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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