

Converting Colors

$Yxy(67.2683, 0.3306, 0.2939)$

Have a look what the booklet for
Yxy(67.2683, 0.3306, 0.2939)
contains.

Yxy(67.3422, 0.3306, 0.2938)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(67.3422, 0.3306, 0.2938)

Conversions

Conversions Part 1

Format	Color
Hex	FEC6E9
RGB	254, 198, 233
RGB Percent	100%, 78%, 91%
CMY	0.0039, 0.2235, 0.0863
CMYK	0.00, 0.22, 0.08, 0.00
HSL	323°, 97%, 89%
HSV	323°, 22%, 100%
XYZ	75.7772, 67.3422, 86.0917
YIQ	218.7340, 22.1410, 22.7570

Conversions

Conversions Part 2

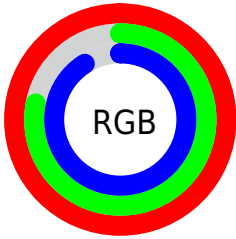
Format	Color
R_{YB}	254, 198, 233
Decimal	16697065
CIE _{Lab}	85.68, 25.37, -9.64
CIE _{LCh}	86, 27.136, 339.202
Yxy	67.3422, 0.3306, 0.2938
Android (android.graphics.Color)	4294887145 (0xFFFE6E9)
YUV	218.7340, 7.0331, 30.9283
Hunter-Lab	82.0623, 21.2197, -4.7576

Details

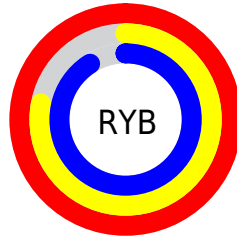
The Yxy color $67.3422, 0.3306, 0.2938$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $88.0119, 0.2983, 0.3670$, and the grayscale version is $70.5857, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.9912, 0.3352, 0.2865$ is the 20% darker color. If you saturate the color by 10%, you get $56.1603, 0.3412, 0.2772$, and if you desaturate by 10%, it is $80.5067, 0.3216, 0.3102$.

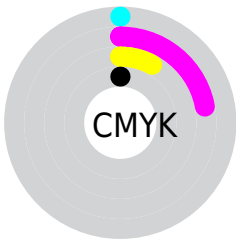
Distribution



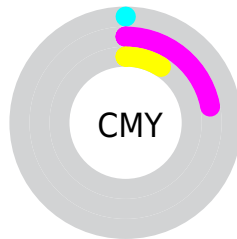
- Red (100%)
- Green (78%)
- Blue (91%)



- Red (100%)
- Yellow (78%)
- Blue (91%)



- Cyan (0%)
- Magenta (22%)
- Yellow (8%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.3422, 0.3306, 0.2938 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 67.3422, 0.3306, 0.2938 by changing the saturation by 10% instead.

 67.3422, 0.3306,
0.2938

 67.3422, 0.3306,
0.2938


451.1619, 0.3224,
0.3098

 49.3628, 0.3324,
0.2902


115.4106, 0.3278,
0.2993

 34.9073, 0.3347,
0.2858


146.2684, 0.3267,
0.3015

 23.5915, 0.3375,
0.2803

182.1877, 0.3257,
0.3033

 15.0309, 0.3412,
0.2731

223.5530, 0.3249,
0.3050

 8.8411, 0.3461,
0.2635

270.7487, 0.3242,
0.3064

 4.6377, 0.3531,
0.2499

324.1592, 0.3235,

 2.0363, 0.3637,

0.3077

0.2295

384.1687, 0.3230,
0.3088

0.6284, 0.3843,
0.1894

0.0000, 0.5187,
0.0000

67.3422, 0.3306,
0.2938

67.3422, 0.3306,
0.2938

56.1603, 0.3412,
0.2772

80.5067, 0.3216,
0.3102

46.8544, 0.3534,
0.2609

95.7355, 0.3141,
0.3259

39.3218, 0.3673,
0.2458

99.8129, 0.3121,
0.3290

33.4459, 0.3828,
0.2331

■ 29.0963, 0.3994,
0.2238

■ 26.1227, 0.4166,
0.2192

■ 24.3437, 0.4337,
0.2198

■ 23.5659, 0.4469,
0.2236

Harmonies

Analogous

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



67.3422, 0.2966, 0.2781



67.3422, 0.3306, 0.2938



67.3422, 0.3610, 0.3179

Triad

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



67.3422, 0.3306, 0.2938



67.3422, 0.3569, 0.3869



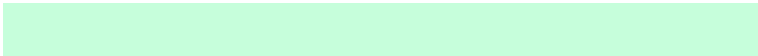
67.3422, 0.2515, 0.3067

Complementary

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



67.3422, 0.3306, 0.2938



88.0119, 0.2983, 0.3670

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.



67.3422, 0.2659, 0.3380



67.3422, 0.3306, 0.2938



67.3422, 0.3261, 0.3868

Square

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



67.3422, 0.3306, 0.2938



67.3422, 0.3763, 0.3709



67.3422, 0.2929, 0.3685



67.3422, 0.2524, 0.2839

Rectangle

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



67.3422, 0.3306, 0.2938



67.3422, 0.3743, 0.3363



67.3422, 0.2929, 0.3685



67.3422, 0.2547, 0.3165

Sweetspot

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



67.3452, 0.3306, 0.2938



88.7114, 0.3177, 0.3182



62.5344, 0.2895, 0.2695



18.7901, 0.3181, 0.3173



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.



67.3452, 0.3306, 0.2938



63.2464, 0.3346, 0.2872



65.8927, 0.3519, 0.3214



18.1780, 0.3196, 0.3143



12.4526, 0.4443, 0.2221



1.2337, 0.4264, 0.2123

Inverse Universe

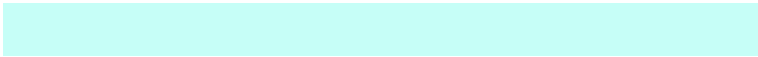
The Inverse Universe completely reimagines the original color for something new.



67.3452, 0.3306, 0.2938



63.2464, 0.3346, 0.2872



89.5838, 0.2837, 0.3368



18.1780, 0.3196, 0.3143



12.4526, 0.4443, 0.2221



1.2337, 0.4264, 0.2123

Previews

White Background



This preview shows how the Yxy color 67.3422, 0.3306, 0.2938 looks on a white background.

Color Contrast Check

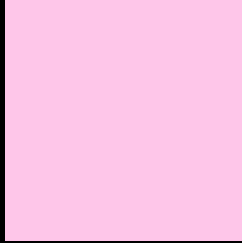
Large Text (above 18pt) WCAG AA × Fail

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 67.3422, 0.3306, 0.2938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

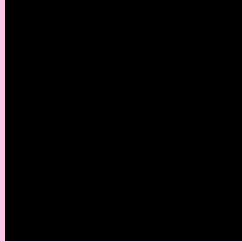
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.3422, 0.3306, 0.2938

Background



This preview shows how black text looks on a background with the Yxy color 67.3422, 0.3306, 0.2938.



This preview shows how white text looks on a background with the Yxy color 67.3422, 0.3306, 0.2938.

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

67.3422, 0.3306, 0.2938

Protanopia

67.7009, 0.2916, 0.2974

Deuteranopia

67.3753, 0.3117, 0.3044



Tritanopia

67.4266, 0.3416, 0.3137

Trichromacy



Original Color

67.3422, 0.3306, 0.2938



Protanomaly

67.5125, 0.3048, 0.2961



Deuteranomaly

67.0165, 0.3179, 0.2997



Tritanomaly

67.4651, 0.3379, 0.3066

Monochromacy



Original Color

67.3422, 0.3306, 0.2938



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

69.1262, 0.3193, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3422, 0.3306, 0.2938 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(254, 198, 233)` looks like.

```
.text, #text, p{  
    color:rgb(254, 198, 233)  
}
```

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(254, 198, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 198, 233) }
```

Border

The CSS property to change the border of an element to Yxy 67.3422, 0.3306, 0.2938 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(254, 198, 233) }
```

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

```
.border{ border-color:rgb(254, 198, 233) }
```

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

Here you see how a box with a 4 pixel rgb(254, 198, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 198, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 198, 233);  
box-shadow:4px 4px 4px 4px rgb(254, 198,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3422, 0.3306, 0.2938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 198, 233) }
```

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

```
.background{ background-color: rgb(254,  
198, 233) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor