

Converting Colors

Yxy(68.0456, 0.3312, 0.3106)

Have a look what the booklet for
Yxy(68.0456, 0.3312, 0.3106)
contains.

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Color

Yxy(67.8721, 0.3312, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	F5CCDE
RGB	245, 204, 222
RGB Percent	96%, 80%, 87%
CMY	0.0391, 0.2000, 0.1293
CMYK	0.00, 0.17, 0.09, 0.04
HSL	334°, 67%, 88%
HSV	334°, 17%, 96%
XYZ	72.4436, 67.8721, 78.4149
YIQ	218.3110, 18.6580, 14.2900

Conversions

Conversions Part 2

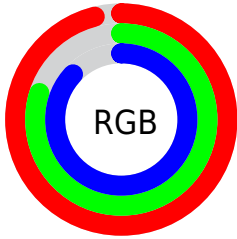
Format	Color
R _Y B	245, 204, 222
Decimal	16108766
CIE Lab	85.94, 17.32, -3.51
CIE LCh	86, 17.672, 348.551
Yxy	67.8721, 0.3312, 0.3103
Android (android.graphics.Color)	4294298846 (0xFFF5CCDE)
YUV	218.3110, 1.8187, 23.4063
Hunter-Lab	82.3845, 12.7883, 1.2360

Details

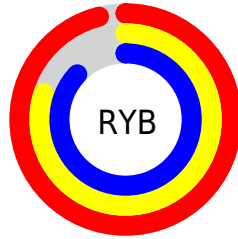
The Yxy color $67.8721, 0.3312, 0.3103$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $83.7005, 0.2974, 0.3485$, and the grayscale version is $70.3186, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.2941, 0.3351, 0.3062$ is the 20% darker color. If you saturate the color by 10%, you get $56.4234, 0.3454, 0.2985$, and if you desaturate by 10%, it is $81.2190, 0.3194, 0.3217$.

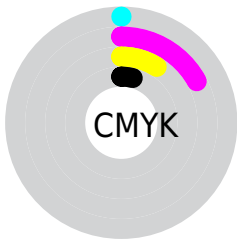
Distribution



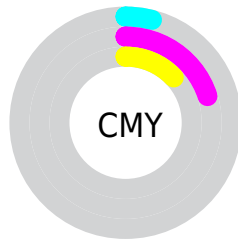
- Red (96%)
- Green (80%)
- Blue (87%)



- Red (96%)
- Yellow (80%)
- Blue (87%)



- Cyan (0%)
- Magenta (17%)
- Yellow (9%)
- Black (4%)





- Cyan (4%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.8721, 0.3312, 0.3103 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 67.8721, 0.3312, 0.3103 by changing the saturation by 10% instead.

 67.8721, 0.3312,
0.3103

 67.8721, 0.3312,
0.3103


453.0427, 0.3226,
0.3190

 49.7937, 0.3332,
0.3083

116.1692, 0.3282,
0.3133

 35.2495, 0.3356,
0.3059


147.1566, 0.3270,
0.3145

 23.8551, 0.3388,
0.3028


183.2158, 0.3260,
0.3155

 15.2262, 0.3429,
0.2987


224.7312, 0.3252,
0.3164

 8.9783, 0.3485,
0.2932

272.0872, 0.3244,
0.3171

 4.7270, 0.3567,
0.2852

325.6682, 0.3237,

 2.0880, 0.3699,

0.3178

0.2727

385.8586, 0.3231,
0.3184

0.6579, 0.3968,
0.2450

0.0000, 0.0000,
0.0000

67.8721, 0.3312,
0.3103

67.8721, 0.3312,
0.3103

56.4234, 0.3454,
0.2985

81.2190, 0.3194,
0.3217

46.7769, 0.3625,
0.2865

96.5362, 0.3098,
0.3324

38.8419, 0.3828,
0.2751

98.1567, 0.3066,
0.3290

32.5163, 0.4063,
0.2652

■ 27.6866, 0.4326,
0.2580

■ 24.2248, 0.4609,
0.2547

■ 21.9807, 0.4896,
0.2565

■ 20.7647, 0.5169,
0.2638

■ 20.4942, 0.5255,
0.2669

Harmonies

Analogous

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



67.8721, 0.3092, 0.2976



67.8721, 0.3312, 0.3103



67.8721, 0.3485, 0.3278

Triad

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



67.8721, 0.3312, 0.3103



67.8721, 0.3361, 0.3676



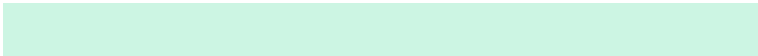
67.8721, 0.2713, 0.3095

Complementary

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



67.8721, 0.3312, 0.3103



83.7005, 0.2974, 0.3485

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.



67.8721, 0.2780, 0.3287



67.8721, 0.3312, 0.3103



67.8721, 0.3150, 0.3633

Square

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



67.8721, 0.3312, 0.3103



67.8721, 0.3513, 0.3609



67.8721, 0.2938, 0.3488



67.8721, 0.2752, 0.2966

Rectangle

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



67.8721, 0.3312, 0.3103



67.8721, 0.3548, 0.3402



67.8721, 0.2938, 0.3488



67.8721, 0.2724, 0.3154

Sweetspot

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



67.8751, 0.3312, 0.3103



91.6816, 0.3176, 0.3236



66.0359, 0.3012, 0.2857



19.3828, 0.3184, 0.3228



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

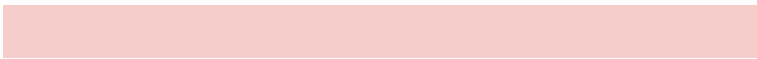
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.8751, 0.3312, 0.3103



69.9603, 0.3356, 0.3064



67.9401, 0.3444, 0.3313



16.6036, 0.3224, 0.3186



11.0650, 0.5215, 0.2646



0.9928, 0.4902, 0.2474

Inverse Universe

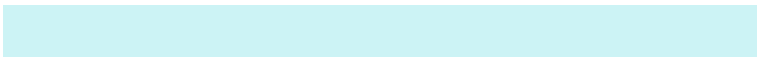
The Inverse Universe completely reimagines the original color for something new.



67.8751, 0.3312, 0.3103



69.9603, 0.3356, 0.3064



83.5150, 0.2873, 0.3267



16.6036, 0.3224, 0.3186



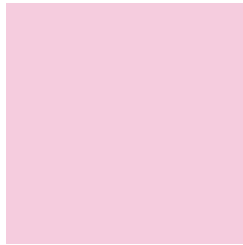
11.0650, 0.5215, 0.2646



0.9928, 0.4902, 0.2474

Previews

White Background



This preview shows how the Yxy color 67.8721, 0.3312, 0.3103 looks on a white background.

Color Contrast Check

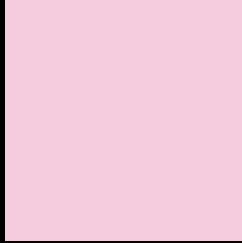
Large Text (above 18pt) WCAG AA × Fail

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 67.8721, 0.3312, 0.3103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

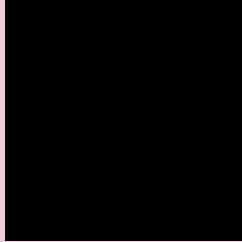
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.8721, 0.3312, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 67.8721, 0.3312, 0.3103.

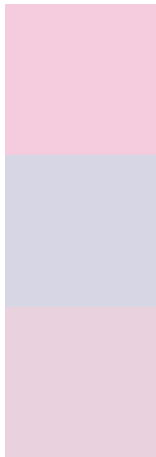


This preview shows how white text looks on a background with the Yxy color 67.8721, 0.3312, 0.3103.

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

67.8721, 0.3312, 0.3103

Protanopia

68.1416, 0.3041, 0.3136

Deuteranopia

68.1450, 0.3223, 0.3162



Tritanopia

67.7655, 0.3327, 0.3124

Trichromacy



Original Color

67.8721, 0.3312, 0.3103

Protanomaly

67.7529, 0.3135, 0.3118

Deuteranomaly

67.8506, 0.3255, 0.3142

Tritanomaly

67.8187, 0.3319, 0.3114

Monochromacy



Original Color

67.8721, 0.3312, 0.3103

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.1970, 0.3197, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8721, 0.3312, 0.3103 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(245, 204, 222)` looks like.

```
.text, #text, p{  
    color:rgb(245, 204, 222)  
}
```

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(245, 204, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 204, 222) }
```

Border

The CSS property to change the border of an element to Yxy 67.8721, 0.3312, 0.3103 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(245, 204, 222) }
```

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

```
.border{ border-color:rgb(245, 204, 222) }
```

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

Here you see how a box with a 4 pixel rgb(245, 204, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 204, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 204, 222);  
box-shadow:4px 4px 4px 4px rgb(245, 204,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8721, 0.3312, 0.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 204, 222) }
```

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

```
.background{ background-color: rgb(245,  
204, 222) }
```

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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