

Converting Colors

$Y_{xy}(67.2008, 0.3342, 0.3102)$

Have a look what the booklet for
Yxy(67.2008, 0.3342, 0.3102)
contains.

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Color

Yxy(67.1825, 0.3345, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	F7CADC
RGB	247, 202, 220
RGB Percent	97%, 79%, 86%
CMY	0.0313, 0.2078, 0.1373
CMYK	0.00, 0.18, 0.11, 0.03
HSL	336°, 74%, 88%
HSV	336°, 18%, 97%
XYZ	72.3987, 67.1825, 76.8573
YIQ	217.5070, 21.0420, 15.1380

Conversions

Conversions Part 2

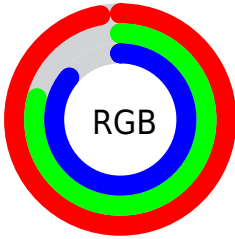
Format	Color
R _Y B	247, 202, 220
Decimal	16239324
CIE Lab	85.60, 18.72, -2.91
CIE LCh	86, 18.944, 351.163
Yxy	67.1825, 0.3345, 0.3104
Android (android.graphics.Color)	4294429404 (0xFFF7CADC)
YUV	217.5070, 1.2290, 25.8654
Hunter-Lab	81.9649, 14.2283, 1.7801

Details

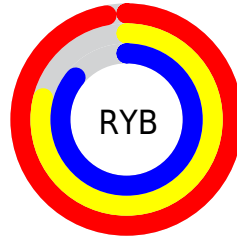
The Yxy color $67.1825, 0.3345, 0.3104$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $84.7438, 0.2951, 0.3484$, and the grayscale version is $69.7368, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.8436, 0.3395, 0.3063$ is the 20% darker color. If you saturate the color by 10%, you get $55.7556, 0.3502, 0.2996$, and if you desaturate by 10%, it is $80.5403, 0.3216, 0.3209$.

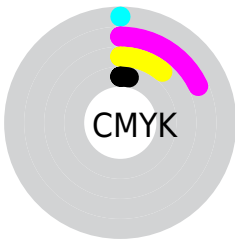
Distribution



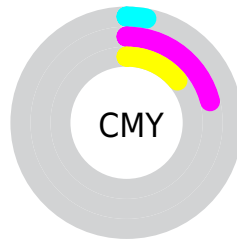
- Red (97%)
- Green (79%)
- Blue (86%)



- Red (97%)
- Yellow (79%)
- Blue (86%)



- Cyan (0%)
- Magenta (18%)
- Yellow (11%)
- Black (3%)





- Cyan (3%)
- Magenta (21%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.1825, 0.3345, 0.3104 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 67.1825, 0.3345, 0.3104 by changing the saturation by 10% instead.

 67.1825, 0.3345,
0.3104

 67.1825, 0.3345,
0.3104


450.5941, 0.3243,
0.3190

 49.2330, 0.3369,
0.3084


115.1819, 0.3309,
0.3134

 34.8043, 0.3398,
0.3060


146.0005, 0.3296,
0.3146

 23.5122, 0.3435,
0.3029


181.8776, 0.3284,
0.3156

 14.9721, 0.3484,
0.2988

223.1976, 0.3274,
0.3164

 8.7998, 0.3552,
0.2932

270.3448, 0.3265,
0.3172

 4.6109, 0.3651,
0.2851

323.7037, 0.3257,

 2.0208, 0.3810,

0.3179

0.2724

383.6587, 0.3250,
0.3185

0.6195, 0.4151,
0.2420

0.0000, 0.0000,
0.0000

67.1825, 0.3345,
0.3104

67.1825, 0.3345,
0.3104

55.7556, 0.3502,
0.2996

80.5403, 0.3216,
0.3209

46.1607, 0.3691,
0.2887

95.9039, 0.3110,
0.3307

38.3036, 0.3916,
0.2785

98.5163, 0.3078,
0.3290

32.0783, 0.4176,
0.2699

■ 27.3669, 0.4467,
0.2640

■ 24.0352, 0.4777,
0.2623

■ 21.9254, 0.5087,
0.2658

■ 20.8187, 0.5374,
0.2744

■ 20.6722, 0.5423,
0.2761

Harmonies

Analogous

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



67.1825, 0.3110, 0.2962



67.1825, 0.3345, 0.3104



67.1825, 0.3525, 0.3293

Triad

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



67.1825, 0.3345, 0.3104



67.1825, 0.3360, 0.3706



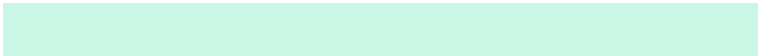
67.1825, 0.2682, 0.3065

Complementary

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



67.1825, 0.3345, 0.3104



84.7438, 0.2951, 0.3484

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.



67.1825, 0.2744, 0.3266



67.1825, 0.3345, 0.3104



67.1825, 0.3130, 0.3650

Square

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



67.1825, 0.3345, 0.3104



67.1825, 0.3532, 0.3643



67.1825, 0.2906, 0.3485



67.1825, 0.2734, 0.2934

Rectangle

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



67.1825, 0.3345, 0.3104



67.1825, 0.3585, 0.3426



67.1825, 0.2906, 0.3485



67.1825, 0.2690, 0.3126

Sweetspot

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



67.1855, 0.3345, 0.3104



91.6500, 0.3179, 0.3241



65.6176, 0.3016, 0.2818



19.3752, 0.3187, 0.3234



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.



67.1855, 0.3345, 0.3104



67.2987, 0.3401, 0.3063



68.4260, 0.3474, 0.3338



16.5923, 0.3231, 0.3196



10.9579, 0.5381, 0.2738



0.9828, 0.5049, 0.2555

Inverse Universe

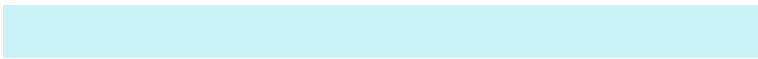
The Inverse Universe completely reimagines the original color for something new.



67.1855, 0.3345, 0.3104



67.2987, 0.3401, 0.3063



83.0818, 0.2850, 0.3241



16.5923, 0.3231, 0.3196



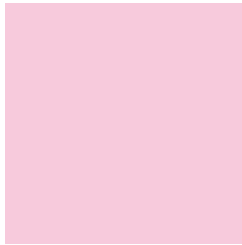
10.9579, 0.5381, 0.2738



0.9828, 0.5049, 0.2555

Previews

White Background



This preview shows how the Yxy color 67.1825, 0.3345, 0.3104 looks on a white background.

Color Contrast Check

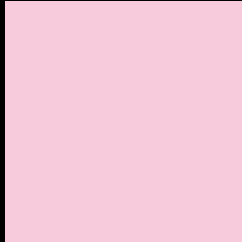
Large Text (above 18pt) WCAG AA × Fail

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 67.1825, 0.3345, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

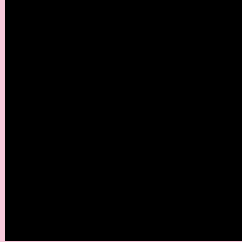
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.1825, 0.3345, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 67.1825, 0.3345, 0.3104.

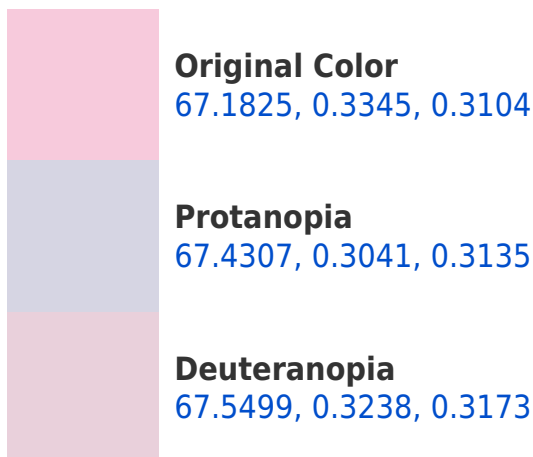


This preview shows how white text looks on a background with the Yxy color 67.1825, 0.3345, 0.3104.

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





Tritanopia

67.0772, 0.3360, 0.3124

Trichromacy



Original Color

67.1825, 0.3345, 0.3104

Protanomaly

67.1515, 0.3150, 0.3128

Deuteranomaly

67.4342, 0.3278, 0.3153

Tritanomaly

67.1297, 0.3352, 0.3114

Monochromacy



Original Color

67.1825, 0.3345, 0.3104

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

68.8595, 0.3205, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1825, 0.3345, 0.3104 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(247, 202, 220)` looks like.

```
.text, #text, p{  
    color:rgb(247, 202, 220)  
}
```

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(247, 202, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 202, 220) }
```

Border

The CSS property to change the border of an element to Yxy 67.1825, 0.3345, 0.3104 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(247, 202, 220) }
```

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

```
.border{ border-color:rgb(247, 202, 220) }
```

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

Here you see how a box with a 4 pixel rgb(247, 202, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 202, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 202, 220);  
box-shadow:4px 4px 4px 4px rgb(247, 202,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1825, 0.3345, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 202, 220) }
```

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

```
.background{ background-color: rgb(247,  
202, 220) }
```

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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