

Converting Colors

$Y_{xy}(69.1907, 0.3325, 0.3125)$

Have a look what the booklet for
Yxy(69.1907, 0.3325, 0.3125)
contains.

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Color

Yxy(69.1907, 0.3325, 0.3125)

Conversions

Conversions Part 1

Format	Color
Hex	F7CEDE
RGB	247, 206, 222
RGB Percent	97%, 81%, 87%
CMY	0.0313, 0.1922, 0.1293
CMYK	0.00, 0.17, 0.10, 0.03
HSL	337°, 72%, 89%
HSV	337°, 17%, 97%
XYZ	73.6189, 69.1907, 78.6006
YIQ	220.0830, 19.3000, 13.6680

Conversions

Conversions Part 2

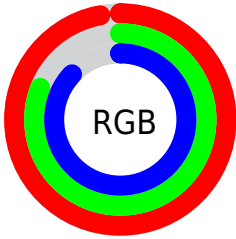
Format	Color
R _Y B	247, 206, 222
Decimal	16240350
CIE Lab	86.60, 16.95, -2.52
CIE LCh	87, 17.136, 351.549
Yxy	69.1907, 0.3325, 0.3125
Android (android.graphics.Color)	4294430430 (0xFFFF7CEDE)
YUV	220.0830, 0.9451, 23.6062
Hunter-Lab	83.1809, 12.4139, 2.2014

Details

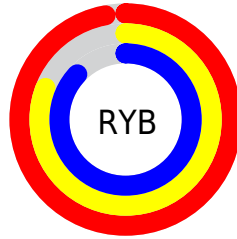
The Yxy color **69.1907, 0.3325, 0.3125** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.4176, 0.2964, 0.3461**, and the grayscale version is **71.6176, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1936, 0.3368, 0.3091** is the 20% darker color. If you saturate the color by 10%, you get **57.4493, 0.3480, 0.3019**, and if you desaturate by 10%, it is **82.8791, 0.3198, 0.3226**.

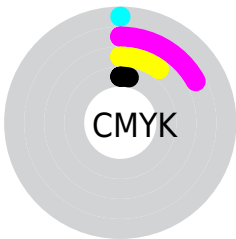
Distribution



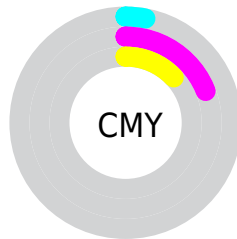
- Red (97%)
- Green (81%)
- Blue (87%)



- Red (97%)
- Yellow (81%)
- Blue (87%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (3%)





- Cyan (3%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1907, 0.3325, 0.3125 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 69.1907, 0.3325, 0.3125 by changing the saturation by 10% instead.

 69.1907, 0.3325,
0.3125

 69.1907, 0.3325,
0.3125


457.7033, 0.3233,
0.3201

 50.8670, 0.3346,
0.3108


118.0539, 0.3293,
0.3151

 36.1028, 0.3372,
0.3086


149.3622, 0.3281,
0.3162

 24.5136, 0.3406,
0.3059


185.7676, 0.3270,
0.3171

 15.7150, 0.3450,
0.3023

227.6543, 0.3261,
0.3178

 9.3227, 0.3510,
0.2974

275.4069, 0.3252,
0.3185

 4.9523, 0.3597,
0.2904

329.4096, 0.3245,

 2.2193, 0.3737,

0.3191

0.2794

390.0470, 0.3239,
0.3197

0.7305, 0.4005,
0.2573

0.0000, 1.0000,
0.0000

69.1907, 0.3325,
0.3125

69.1907, 0.3325,
0.3125

57.4493, 0.3480,
0.3019

82.8791, 0.3198,
0.3226

47.5568, 0.3666,
0.2913

98.3319, 0.3094,
0.3318

39.4203, 0.3889,
0.2811

98.5159, 0.3078,
0.3290

32.9351, 0.4148,
0.2724

■ 27.9855, 0.4440,
0.2662

■ 24.4402, 0.4753,
0.2640

■ 22.1460, 0.5070,
0.2667

■ 20.9105, 0.5365,
0.2747

■ 20.6304, 0.5460,
0.2781

Harmonies

Analogous

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



69.1907, 0.3115, 0.2996



69.1907, 0.3325, 0.3125



69.1907, 0.3484, 0.3296

Triad

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



69.1907, 0.3325, 0.3125



69.1907, 0.3334, 0.3662



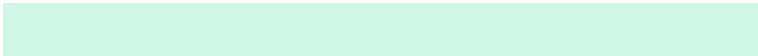
69.1907, 0.2727, 0.3087

Complementary

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



69.1907, 0.3325, 0.3125



85.4176, 0.2964, 0.3461

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.



69.1907, 0.2782, 0.3267



69.1907, 0.3325, 0.3125



69.1907, 0.3128, 0.3610

Square

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



69.1907, 0.3325, 0.3125



69.1907, 0.3488, 0.3608



69.1907, 0.2927, 0.3462



69.1907, 0.2775, 0.2970

Rectangle

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



69.1907, 0.3325, 0.3125



69.1907, 0.3537, 0.3416



69.1907, 0.2927, 0.3462



69.1907, 0.2734, 0.3142

Sweetspot

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



69.1938, 0.3325, 0.3125



91.6430, 0.3180, 0.3242



67.7818, 0.3028, 0.2863



19.3735, 0.3188, 0.3235



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

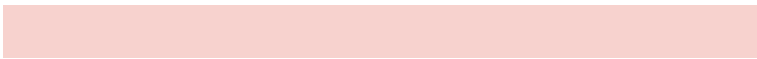
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.1938, 0.3325, 0.3125



69.8239, 0.3375, 0.3089



70.3750, 0.3438, 0.3334



16.5898, 0.3232, 0.3198



10.9357, 0.5417, 0.2758



0.9807, 0.5082, 0.2573

Inverse Universe

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



69.1938, 0.3325, 0.3125



69.8239, 0.3375, 0.3089



83.8842, 0.2874, 0.3246



16.5898, 0.3232, 0.3198



10.9357, 0.5417, 0.2758



0.9807, 0.5082, 0.2573

Previews

White Background



This preview shows how the Yxy color 69.1907, 0.3325, 0.3125 looks on a white background.

Color Contrast Check

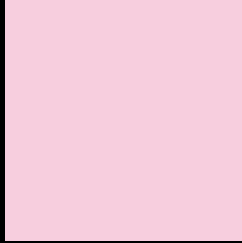
Large Text (above 18pt) WCAG AA × Fail

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 69.1907, 0.3325, 0.3125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

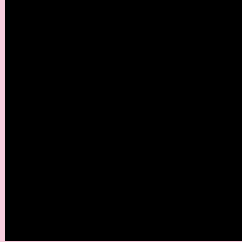
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.1907, 0.3325, 0.3125

Background



This preview shows how black text looks on a background with the Yxy color 69.1907, 0.3325, 0.3125.

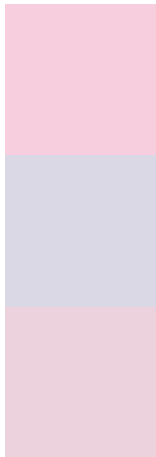


This preview shows how white text looks on a background with the Yxy color 69.1907, 0.3325, 0.3125.

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

69.1907, 0.3325, 0.3125

Protanopia

69.6186, 0.3062, 0.3159

Deuteranopia

69.1465, 0.3245, 0.3174



Tritanopia

69.1907, 0.3325, 0.3125

Trichromacy



Original Color

69.1907, 0.3325, 0.3125

Protanomaly

69.2360, 0.3156, 0.3140

Deuteranomaly

69.3467, 0.3276, 0.3164

Tritanomaly

69.1907, 0.3325, 0.3125

Monochromacy



Original Color

69.1907, 0.3325, 0.3125

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.6443, 0.3196, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1907, 0.3325, 0.3125 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, 206, 222)` looks like.

```
.text, #text, p{  
    color:rgb(247, 206, 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(247, 206, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 206, 222) }
```

Border

The CSS property to change the border of an element to Yxy 69.1907, 0.3325, 0.3125 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, 206, 222) }
```

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

```
.border{ border-color:rgb(247, 206, 222) }
```

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

Here you see how a box with a 4 pixel rgb(247, 206, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 206, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 206, 222);  
box-shadow:4px 4px 4px 4px rgb(247, 206,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1907, 0.3325, 0.3125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 206, 222) }
```

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

```
.background{ background-color: rgb(247,  
206, 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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