

Converting Colors

$Y_{xy}(74.4570, 0.3238, 0.3106)$

Have a look what the booklet for
Yxy(74.4570, 0.3238, 0.3106)
contains.

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Color

Yxy(74.2582, 0.3237, 0.3107)

Conversions

Conversions Part 1

Format	Color
Hex	F7D7E9
RGB	247, 215, 233
RGB Percent	97%, 84%, 91%
CMY	0.0315, 0.1568, 0.0861
CMYK	0.00, 0.13, 0.06, 0.03
HSL	326°, 67%, 91%
HSV	326°, 13%, 97%
XYZ	77.3652, 74.2582, 87.3795
YIQ	226.6200, 13.2940, 12.3820

Conversions

Conversions Part 2

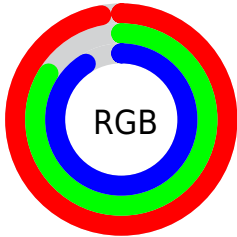
Format	Color
R _Y B	247, 215, 233
Decimal	16242665
CIE Lab	89.04, 14.07, -4.75
CIE LCh	89, 14.846, 341.355
Yxy	74.2582, 0.3237, 0.3107
Android (android.graphics.Color)	4294432745 (0xFFF7D7E9)
YUV	226.6200, 3.1453, 17.8733
Hunter-Lab	86.1732, 9.4520, 0.2013

Details

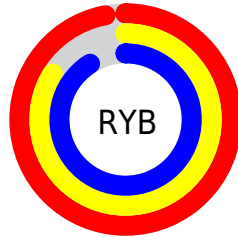
The Yxy color $74.2582, 0.3237, 0.3107$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $86.6107, 0.3031, 0.3480$, and the grayscale version is $76.4972, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.2631, 0.3262, 0.3068$ is the 20% darker color. If you saturate the color by 10%, you get $62.0211, 0.3341, 0.2958$, and if you desaturate by 10%, it is $88.4380, 0.3150, 0.3250$.

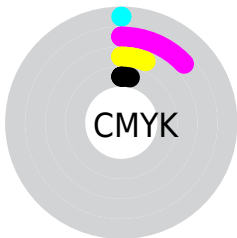
Distribution



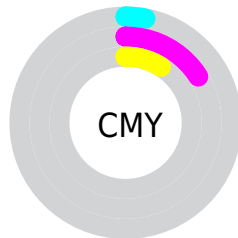
- Red (97%)
- Green (84%)
- Blue (91%)



- Red (97%)
- Yellow (84%)
- Blue (91%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (3%)



- Cyan (3%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.2582, 0.3237, 0.3107 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 74.2582, 0.3237, 0.3107 by changing the saturation by 10% instead.


 74.2582, 0.3237,
0.3107

 74.2582, 0.3237,
0.3107

475.3640, 0.3187,
0.3190

 55.0054, 0.3248,
0.3088


125.2618, 0.3220,
0.3136

 39.4060, 0.3262,
0.3065


157.7813, 0.3213,
0.3147

 27.0757, 0.3279,
0.3037


195.4919, 0.3207,
0.3156

 17.6301, 0.3302,
0.3000

238.7779, 0.3202,
0.3165

 10.6848, 0.3332,
0.2950

288.0237, 0.3198,
0.3172

 5.8553, 0.3375,
0.2879

343.6137, 0.3194,

 2.7573, 0.3441,

0.3179

0.2772

405.9324, 0.3190,
0.3185

1.0064, 0.3555,
0.2590

0.0000, 0.5285,
0.0000

74.2582, 0.3237,
0.3107

74.2582, 0.3237,
0.3107

62.0211, 0.3341,
0.2958

88.4380, 0.3150,
0.3250

51.6314, 0.3465,
0.2807

98.4828, 0.3080,
0.3294

43.0005, 0.3610,
0.2659

98.5102, 0.3078,
0.3290

36.0285, 0.3776,
0.2524

■ 30.6054, 0.3963,
0.2411

■ 26.6078, 0.4164,
0.2335

■ 23.8932, 0.4373,
0.2305

■ 22.2890, 0.4580,
0.2330

■ 21.6443, 0.4722,
0.2375

Harmonies

Analogous

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



74.2582, 0.3057, 0.3016



74.2582, 0.3237, 0.3107



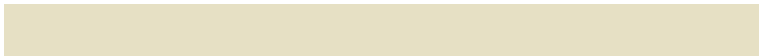
74.2582, 0.3391, 0.3245

Triad

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



74.2582, 0.3237, 0.3107



74.2582, 0.3354, 0.3598



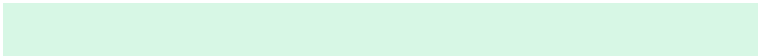
74.2582, 0.2793, 0.3167

Complementary

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



74.2582, 0.3237, 0.3107



86.6107, 0.3031, 0.3480

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.



74.2582, 0.2868, 0.3329



74.2582, 0.3237, 0.3107



74.2582, 0.3190, 0.3584

Square

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



74.2582, 0.3237, 0.3107



74.2582, 0.3459, 0.3527



74.2582, 0.3013, 0.3484



74.2582, 0.2804, 0.3045

Rectangle

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



74.2582, 0.3237, 0.3107



74.2582, 0.3456, 0.3347



74.2582, 0.3013, 0.3484



74.2582, 0.2809, 0.3219

Sweetspot

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



74.2615, 0.3237, 0.3107



93.3808, 0.3158, 0.3235



71.9549, 0.3015, 0.2957



19.7292, 0.3165, 0.3224



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

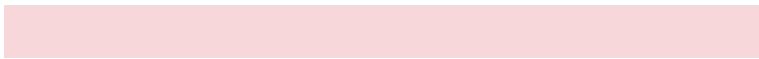
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2615, 0.3237, 0.3107



75.5816, 0.3267, 0.3062



73.3927, 0.3349, 0.3269



16.6392, 0.3205, 0.3157



11.4783, 0.4690, 0.2357



1.0295, 0.4452, 0.2226

Inverse Universe

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



74.2615, 0.3237, 0.3107



75.5816, 0.3267, 0.3062



87.5400, 0.2941, 0.3312



16.6392, 0.3205, 0.3157



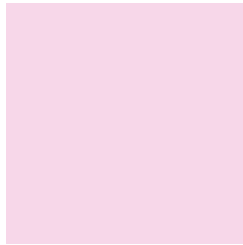
11.4783, 0.4690, 0.2357



1.0295, 0.4452, 0.2226

Previews

White Background



This preview shows how the Yxy color 74.2582, 0.3237, 0.3107 looks on a white background.

Color Contrast Check

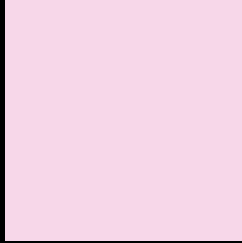
Large Text (above 18pt) WCAG AA × Fail

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 74.2582, 0.3237, 0.3107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

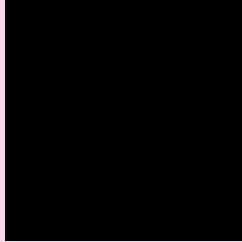
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.2582, 0.3237, 0.3107

Background



This preview shows how black text looks on a background with the Yxy color 74.2582, 0.3237, 0.3107.

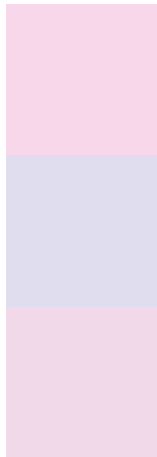


This preview shows how white text looks on a background with the Yxy color 74.2582, 0.3237, 0.3107.

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

74.2582, 0.3237, 0.3107

Protanopia

74.2629, 0.3038, 0.3121

Deuteranopia

74.2097, 0.3192, 0.3126



Tritanopia

74.2012, 0.3244, 0.3117

Trichromacy



Original Color

74.2582, 0.3237, 0.3107

Protanomaly

73.8750, 0.3107, 0.3112

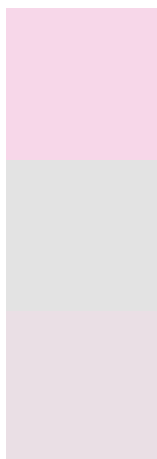
Deuteranomaly

74.0496, 0.3208, 0.3116

Tritanomaly

74.2012, 0.3244, 0.3117

Monochromacy



Original Color

74.2582, 0.3237, 0.3107

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.9249, 0.3165, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2582, 0.3237, 0.3107 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, 215, 233)` looks like.

```
.text, #text, p{  
    color:rgb(247, 215, 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(247, 215, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 215, 233) }
```

Border

The CSS property to change the border of an element to Yxy 74.2582, 0.3237, 0.3107 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, 215, 233) }
```

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

```
.border{ border-color:rgb(247, 215, 233) }
```

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

Here you see how a box with a 4 pixel rgb(247, 215, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 215, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 215, 233);  
box-shadow:4px 4px 4px 4px rgb(247, 215,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2582, 0.3237, 0.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 215, 233) }
```

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

```
.background{ background-color: rgb(247,  
215, 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](#).

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