

Converting Colors

$Yxy(71.8766, 0.3281, 0.3198)$

Have a look what the booklet for
Yxy(71.8766, 0.3281, 0.3198)
contains.

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Color

Yxy(71.7397, 0.3280, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	F2D5DE
RGB	242, 213, 222
RGB Percent	95%, 84%, 87%
CMY	0.0508, 0.1647, 0.1295
CMYK	0.00, 0.12, 0.08, 0.05
HSL	341°, 53%, 89%
HSV	341°, 12%, 95%
XYZ	73.6022, 71.7397, 79.0550
YIQ	222.6970, 14.3950, 8.9470

Conversions

Conversions Part 2

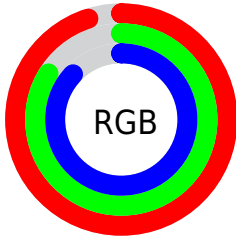
Format	Color
R _Y B	242, 213, 222
Decimal	15914462
CIE Lab	87.84, 11.55, -0.72
CIE LCh	88, 11.572, 356.446
Yxy	71.7397, 0.3280, 0.3197
Android (android.graphics.Color)	4294104542 (0xFFFF2D5DE)
YUV	222.6970, -0.3436, 16.9287
Hunter-Lab	84.6993, 6.8896, 3.9505

Details

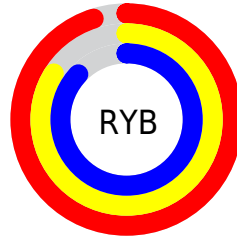
The Yxy color **71.7397, 0.3280, 0.3197** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.5564, 0.2995, 0.3385**, and the grayscale version is **73.5638, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6828, 0.3318, 0.3170** is the 20% darker color. If you saturate the color by 10%, you get **59.6098, 0.3440, 0.3114**, and if you desaturate by 10%, it is **85.7819, 0.3150, 0.3275**.

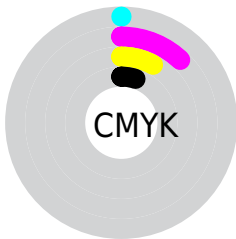
Distribution



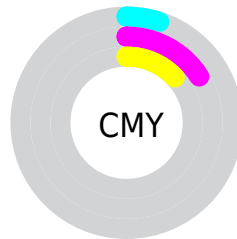
- Red (95%)
- Green (84%)
- Blue (87%)



- Red (95%)
- Yellow (84%)
- Blue (87%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (5%)




- Cyan (5%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.7397, 0.3280, 0.3197 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 71.7397, 0.3280, 0.3197 by changing the saturation by 10% instead.

 71.7397, 0.3280,
0.3197

 71.7397, 0.3280,
0.3197

466.6351, 0.3209,
0.3240

 52.9461, 0.3296,
0.3187


121.6864, 0.3255,
0.3212

 37.7597, 0.3316,
0.3175

153.6082, 0.3246,
0.3218

 25.7963, 0.3342,
0.3159


190.6749, 0.3238,
0.3223

 16.6713, 0.3375,
0.3139

233.2709, 0.3230,
0.3227

 10.0004, 0.3421,
0.3112

281.7805, 0.3224,
0.3231

 5.3992, 0.3488,
0.3072

336.5881, 0.3219,

 2.4834, 0.3594,

0.3234

0.3008

398.0782, 0.3214,
0.3237

0.8683, 0.3787,
0.2894

0.0000, 1.0000,
0.0000

71.7397, 0.3280,
0.3197

71.7397, 0.3280,
0.3197

59.6098, 0.3440,
0.3114

85.7819, 0.3150,
0.3275

49.2998, 0.3635,
0.3030

97.6232, 0.3048,
0.3290

40.7239, 0.3871,
0.2947

33.7859, 0.4151,
0.2873

■ 28.3797, 0.4474,
0.2817

■ 24.3868, 0.4829,
0.2792

■ 21.6712, 0.5193,
0.2809

■ 20.0694, 0.5534,
0.2874

■ 19.3886, 0.5772,
0.2953

Harmonies

Analogous

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



71.7397, 0.3144, 0.3103



71.7397, 0.3280, 0.3197



71.7397, 0.3376, 0.3316

Triad

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



71.7397, 0.3280, 0.3197



71.7397, 0.3246, 0.3535



71.7397, 0.2858, 0.3140

Complementary

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



71.7397, 0.3280, 0.3197



83.5564, 0.2995, 0.3385

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.



71.7397, 0.2884, 0.3256



71.7397, 0.3280, 0.3197



71.7397, 0.3106, 0.3488

Square

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



71.7397, 0.3280, 0.3197



71.7397, 0.3355, 0.3513



71.7397, 0.2974, 0.3385



71.7397, 0.2902, 0.3068

Rectangle

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



71.7397, 0.3280, 0.3197



71.7397, 0.3403, 0.3396



71.7397, 0.2974, 0.3385



71.7397, 0.2859, 0.3175

Sweetspot

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



71.7429, 0.3280, 0.3197



93.2183, 0.3174, 0.3260



71.2965, 0.3075, 0.2988



19.6881, 0.3183, 0.3254



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.



71.7429, 0.3280, 0.3197



77.8117, 0.3310, 0.3180



73.9965, 0.3337, 0.3346



15.8393, 0.3245, 0.3217



10.4340, 0.5729, 0.2930



0.8852, 0.5356, 0.2724

Inverse Universe

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



71.7429, 0.3280, 0.3197



77.8117, 0.3310, 0.3180



80.9593, 0.2942, 0.3233



15.8393, 0.3245, 0.3217



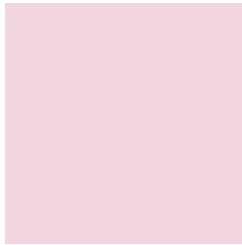
10.4340, 0.5729, 0.2930



0.8852, 0.5356, 0.2724

Previews

White Background



This preview shows how the Yxy color 71.7397, 0.3280, 0.3197 looks on a white background.

Color Contrast Check

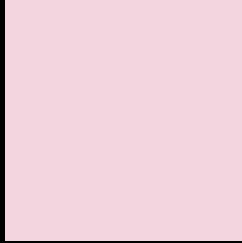
Large Text (above 18pt) WCAG AA × Fail

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 71.7397, 0.3280, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

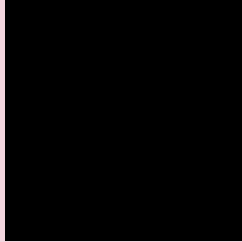
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.7397, 0.3280, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 71.7397, 0.3280, 0.3197.

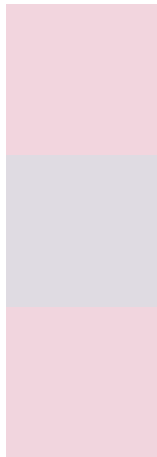


This preview shows how white text looks on a background with the Yxy color 71.7397, 0.3280, 0.3197.

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

71.7397, 0.3280, 0.3197

Protanopia

71.8420, 0.3109, 0.3215

Deuteranopia

71.5632, 0.3272, 0.3197



Tritanopia

71.7988, 0.3239, 0.3115

Trichromacy



Original Color

71.7397, 0.3280, 0.3197

Protanomaly

71.8849, 0.3167, 0.3205

Deuteranomaly

71.5632, 0.3272, 0.3197

Tritanomaly

71.6326, 0.3260, 0.3145

Monochromacy



Original Color

71.7397, 0.3280, 0.3197

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.8137, 0.3179, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7397, 0.3280, 0.3197 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(242, 213, 222)` looks like.

```
.text, #text, p{  
    color:rgb(242, 213, 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(242, 213, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 213, 222) }
```

Border

The CSS property to change the border of an element to Yxy 71.7397, 0.3280, 0.3197 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(242, 213, 222) }
```

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

```
.border{ border-color:rgb(242, 213, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 213, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 213, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 213, 222);  
box-shadow:4px 4px 4px 4px rgb(242, 213,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7397, 0.3280, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 213, 222) }
```

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

```
.background{ background-color: rgb(242,  
213, 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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