

Converting Colors

$Yxy(71.3657, 0.3193, 0.3014)$

Have a look what the booklet for
Yxy(71.3657, 0.3193, 0.3014)
contains.

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Color

Yxy(71.4407, 0.3192, 0.3014)

Conversions

Conversions Part 1

Format	Color
Hex	F4D2ED
RGB	244, 210, 237
RGB Percent	96%, 82%, 93%
CMY	0.0429, 0.1766, 0.0705
CMYK	0.00, 0.14, 0.03, 0.04
HSL	312°, 61%, 89%
HSV	312°, 14%, 96%
XYZ	75.6598, 71.4407, 89.9290
YIQ	223.2440, 11.5970, 15.6050

Conversions

Conversions Part 2

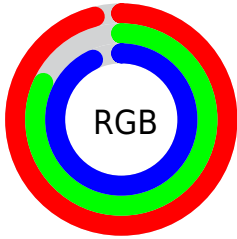
Format	Color
RYB	244, 210, 237
Decimal	16044781
CIELab	87.70, 16.41, -8.86
CIELCh	88, 18.649, 331.646
Yxy	71.4407, 0.3192, 0.3014
Android (android.graphics.Color)	4294234861 (0xFFFF4D2ED)
YUV	223.2440, 6.7817, 18.2030
Hunter-Lab	84.5226, 11.8685, -3.9166

Details

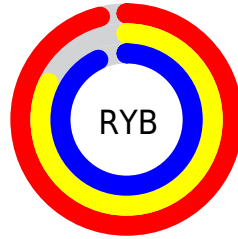
The Yxy color **71.4407, 0.3192, 0.3014** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **83.4547, 0.3068, 0.3583**, and the grayscale version is **73.9258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4703, 0.3211, 0.2949** is the 20% darker color. If you saturate the color by 10%, you get **60.0073, 0.3247, 0.2809**, and if you desaturate by 10%, it is **84.7265, 0.3144, 0.3213**.

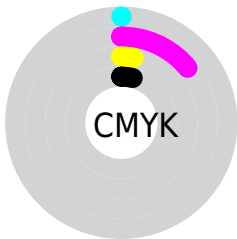
Distribution



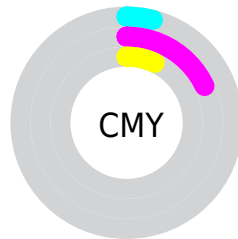
- Red (96%)
- Green (82%)
- Blue (93%)



- Red (96%)
- Yellow (82%)
- Blue (93%)



- Cyan (0%)
- Magenta (14%)
- Yellow (3%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.4407, 0.3192, 0.3014 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 71.4407, 0.3192, 0.3014 by changing the saturation by 10% instead.


 71.4407, 0.3192,
0.3014

 71.4407, 0.3192,
0.3014


465.5925, 0.3163,
0.3139

 52.7019, 0.3198,
0.2986

121.2610, 0.3182,
0.3057

 37.5649, 0.3206,
0.2952


153.1113, 0.3178,
0.3074

 25.6451, 0.3215,
0.2908


190.1010, 0.3175,
0.3088

 16.5584, 0.3227,
0.2853

232.6143, 0.3172,
0.3101

 9.9201, 0.3243,
0.2778

281.0357, 0.3170,
0.3112

 5.3460, 0.3264,
0.2673


335.7497, 0.3167,


 2.4517, 0.3295,


0.3122


0.2514

397.1405, 0.3165,
0.3131

 0.8523, 0.3342,
0.2248


 0.0000, 0.3168,
0.0000


 71.4407, 0.3192,
0.3014

 71.4407, 0.3192,
0.3014


 60.0073, 0.3247,
0.2809


 84.7265, 0.3144,
0.3213


 50.3338, 0.3310,
0.2605

 97.4887, 0.3105,
0.3367

 42.3340, 0.3380,
0.2408

 97.8053, 0.3076,
0.3317

 35.9105, 0.3456,
0.2229

 97.9858, 0.3060,
0.3290

■ 30.9561, 0.3536,
0.2079

■ 27.3498, 0.3619,
0.1965

■ 24.9518, 0.3701,
0.1897

■ 23.5911, 0.3780,
0.1876

■ 23.1192, 0.3826,
0.1882

Harmonies

Analogous

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



71.4407, 0.2966, 0.2924



71.4407, 0.3192, 0.3014



71.4407, 0.3407, 0.3171

Triad

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



71.4407, 0.3192, 0.3014



71.4407, 0.3470, 0.3664



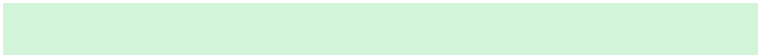
71.4407, 0.2724, 0.3195

Complementary

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



71.4407, 0.3192, 0.3014



83.4547, 0.3068, 0.3583

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.



71.4407, 0.2850, 0.3407



71.4407, 0.3192, 0.3014



71.4407, 0.3278, 0.3686

Square

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



71.4407, 0.3192, 0.3014



71.4407, 0.3570, 0.3541



71.4407, 0.3051, 0.3591



71.4407, 0.2702, 0.3019

Rectangle

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



71.4407, 0.3192, 0.3014



71.4407, 0.3512, 0.3297



71.4407, 0.3051, 0.3591



71.4407, 0.2755, 0.3264

Sweetspot

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



71.4438, 0.3192, 0.3014



93.5285, 0.3144, 0.3213



67.3397, 0.2949, 0.2924



19.7667, 0.3148, 0.3198



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.



71.4438, 0.3192, 0.3014



74.8273, 0.3208, 0.2951



70.5071, 0.3311, 0.3184



16.7060, 0.3170, 0.3104



12.5832, 0.3814, 0.1875



1.1204, 0.3724, 0.1825

Inverse Universe

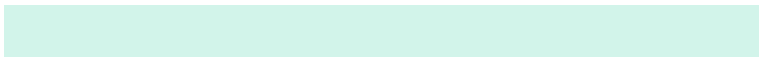
The Inverse Universe completely reimagines the original color for something new.



71.4438, 0.3192, 0.3014



74.8273, 0.3208, 0.2951



84.3743, 0.2972, 0.3398



16.7060, 0.3170, 0.3104



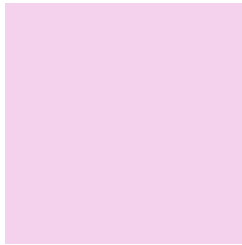
12.5832, 0.3814, 0.1875



1.1204, 0.3724, 0.1825

Previews

White Background



This preview shows how the Yxy color 71.4407, 0.3192, 0.3014 looks on a white background.

Color Contrast Check

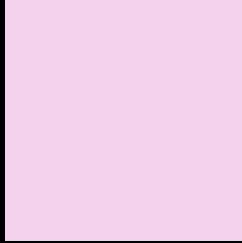
Large Text (above 18pt) WCAG AA × Fail

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 71.4407, 0.3192, 0.3014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

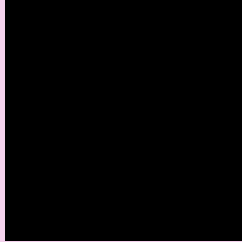
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.4407, 0.3192, 0.3014

Background



This preview shows how black text looks on a background with the Yxy color 71.4407, 0.3192, 0.3014.



This preview shows how white text looks on a background with the Yxy color 71.4407, 0.3192, 0.3014.

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

71.4407, 0.3192, 0.3014

Protanopia

71.8256, 0.2965, 0.3044

Deuteranopia

71.6417, 0.3124, 0.3060



Tritanopia

71.2447, 0.3246, 0.3115

Trichromacy



Original Color

71.4407, 0.3192, 0.3014

Protanomaly

71.7339, 0.3047, 0.3037

Deuteranomaly

71.8218, 0.3153, 0.3052

Tritanomaly

71.4127, 0.3225, 0.3084

Monochromacy



Original Color

71.4407, 0.3192, 0.3014

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.7332, 0.3154, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4407, 0.3192, 0.3014 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(244, 210, 237)` looks like.

```
.text, #text, p{  
    color:rgb(244, 210, 237)  
}
```

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(244, 210, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 210, 237) }
```

Border

The CSS property to change the border of an element to Yxy 71.4407, 0.3192, 0.3014 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(244, 210, 237) }
```

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

```
.border{ border-color:rgb(244, 210, 237) }
```

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

Here you see how a box with a 4 pixel rgb(244, 210, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 210, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 210, 237);  
box-shadow:4px 4px 4px 4px rgb(244, 210,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4407, 0.3192, 0.3014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 210, 237) }
```

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

```
.background{ background-color: rgb(244,  
210, 237) }
```

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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