

Converting Colors

$Yxy(71.7483, 0.3287, 0.3160)$

Have a look what the booklet for
Yxy(71.7483, 0.3287, 0.3160)
contains.

Yxy(71.8813, 0.3289, 0.3167)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(71.8813, 0.3289, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	F5D4E0
RGB	245, 212, 224
RGB Percent	96%, 83%, 88%
CMY	0.0392, 0.1686, 0.1217
CMYK	0.00, 0.13, 0.09, 0.04
HSL	338°, 62%, 90%
HSV	338°, 13%, 96%
XYZ	74.6503, 71.8813, 80.4381
YIQ	223.2350, 15.8160, 10.7280

Conversions

Conversions Part 2

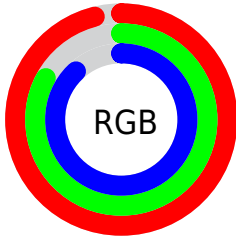
Format	Color
R_{YB}	245, 212, 224
Decimal	16110816
CIE _{Lab}	87.91, 13.42, -1.64
CIE _{LCh}	88, 13.525, 353.027
Yxy	71.8813, 0.3289, 0.3167
Android (android.graphics.Color)	4294300896 (0xFFFF5D4E0)
YUV	223.2350, 0.3771, 19.0879
Hunter-Lab	84.7828, 8.7973, 3.0964

Details

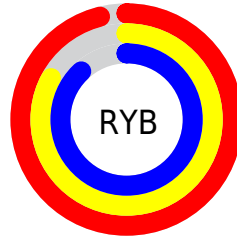
The Yxy color **71.8813, 0.3289, 0.3167** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.1886, 0.2989, 0.3416**, and the grayscale version is **73.9573, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7973, 0.3331, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **59.7412, 0.3441, 0.3070**, and if you desaturate by 10%, it is **85.9641, 0.3165, 0.3259**.

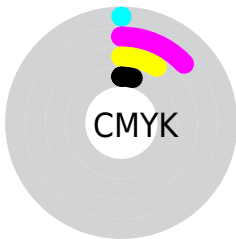
Distribution



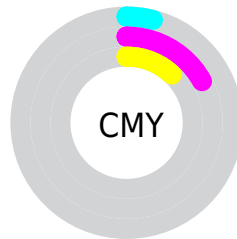
- Red (96%)
- Green (83%)
- Blue (88%)



- Red (96%)
- Yellow (83%)
- Blue (88%)



- Cyan (0%)
- Magenta (13%)
- Yellow (9%)
- Black (4%)





- Cyan (4%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.8813, 0.3289, 0.3167 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 71.8813, 0.3289, 0.3167 by changing the saturation by 10% instead.

 71.8813, 0.3289,
0.3167

 71.8813, 0.3289,
0.3167

467.1283, 0.3214,
0.3224

 53.0617, 0.3306,
0.3154

121.8878, 0.3263,
0.3187

 37.8520, 0.3327,
0.3138


153.8434, 0.3253,
0.3194

 25.8679, 0.3354,
0.3118


190.9466, 0.3244,
0.3201

 16.7248, 0.3389,
0.3092

233.5816, 0.3237,
0.3207

 10.0385, 0.3437,
0.3056

282.1329, 0.3230,
0.3212

 5.4245, 0.3507,
0.3004

336.9848, 0.3224,

 2.4984, 0.3617,

0.3216

0.2924

398.5219, 0.3219,
0.3220

0.8758, 0.3816,
0.2780

0.0000, 1.0000,
0.0000

71.8813, 0.3289,
0.3167

71.8813, 0.3289,
0.3167

59.7412, 0.3441,
0.3070

85.9641, 0.3165,
0.3259

49.4487, 0.3626,
0.2971

98.1524, 0.3066,
0.3290

40.9149, 0.3847,
0.2874

34.0400, 0.4109,
0.2789

■ 28.7139, 0.4407,
0.2724

■ 24.8128, 0.4733,
0.2694

■ 22.1942, 0.5067,
0.2710

■ 20.6846, 0.5384,
0.2778

■ 20.1306, 0.5572,
0.2843

Harmonies

Analogous

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



71.8813, 0.3127, 0.3063



71.8813, 0.3289, 0.3167



71.8813, 0.3409, 0.3303

Triad

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



71.8813, 0.3289, 0.3167



71.8813, 0.3282, 0.3578



71.8813, 0.2813, 0.3127

Complementary

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



71.8813, 0.3289, 0.3167



85.1886, 0.2989, 0.3416

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.



71.8813, 0.2853, 0.3266



71.8813, 0.3289, 0.3167



71.8813, 0.3121, 0.3533

Square

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



71.8813, 0.3289, 0.3167



71.8813, 0.3404, 0.3542



71.8813, 0.2964, 0.3417



71.8813, 0.2855, 0.3037

Rectangle

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



71.8813, 0.3289, 0.3167



71.8813, 0.3447, 0.3397



71.8813, 0.2964, 0.3417



71.8813, 0.2818, 0.3170

Sweetspot

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



71.8845, 0.3289, 0.3167



93.2521, 0.3171, 0.3255



70.9919, 0.3056, 0.2948



19.6967, 0.3179, 0.3248



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

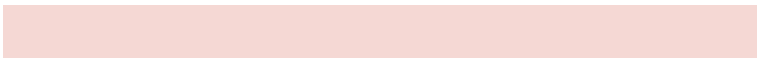
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.8845, 0.3289, 0.3167



75.1111, 0.3325, 0.3142



73.4877, 0.3369, 0.3336



16.5818, 0.3236, 0.3204



10.8690, 0.5530, 0.2820



0.9743, 0.5185, 0.2630

Inverse Universe

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



71.8845, 0.3289, 0.3167



75.1111, 0.3325, 0.3142



83.2657, 0.2920, 0.3243



16.5818, 0.3236, 0.3204



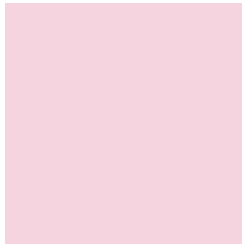
10.8690, 0.5530, 0.2820



0.9743, 0.5185, 0.2630

Previews

White Background



This preview shows how the Yxy color 71.8813, 0.3289, 0.3167 looks on a white background.

Color Contrast Check

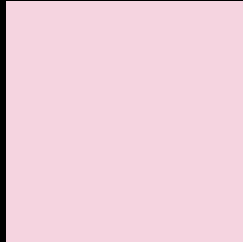
Large Text (above 18pt) WCAG AA × Fail

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 71.8813, 0.3289, 0.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

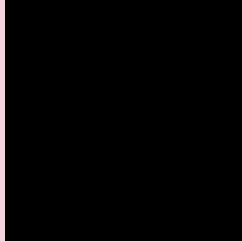
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.8813, 0.3289, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 71.8813, 0.3289, 0.3167.



This preview shows how white text looks on a background with the Yxy color 71.8813, 0.3289, 0.3167.

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

71.8813, 0.3289, 0.3167

Protanopia

71.7941, 0.3089, 0.3193

Deuteranopia

72.0002, 0.3250, 0.3186



Tritanopia

71.7828, 0.3269, 0.3116

Trichromacy



Original Color

71.8813, 0.3289, 0.3167

Protanomaly

71.4808, 0.3154, 0.3173

Deuteranomaly

71.8476, 0.3265, 0.3176

Tritanomaly

71.7274, 0.3276, 0.3126

Monochromacy



Original Color

71.8813, 0.3289, 0.3167

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.9797, 0.3187, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8813, 0.3289, 0.3167 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(245, 212, 224)` looks like.

```
.text, #text, p{  
    color:rgb(245, 212, 224)  
}
```

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(245, 212, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 212, 224) }
```

Border

The CSS property to change the border of an element to Yxy 71.8813, 0.3289, 0.3167 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(245, 212, 224) }
```

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

```
.border{ border-color:rgb(245, 212, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 212, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 212, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 212, 224);  
box-shadow:4px 4px 4px 4px rgb(245, 212,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8813, 0.3289, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 212, 224) }
```

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

```
.background{ background-color: rgb(245,  
212, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor