

Converting Colors

$Y_{xy}(63.8225, 0.3293, 0.3011)$

Have a look what the booklet for
Yxy(63.8225, 0.3293, 0.3011)
contains.

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Color

Yxy(63.6848, 0.3290, 0.3007)

Conversions

Conversions Part 1

Format	Color
Hex	F2C4DF
RGB	242, 196, 223
RGB Percent	95%, 77%, 87%
CMY	0.0509, 0.2314, 0.1255
CMYK	0.00, 0.19, 0.08, 0.05
HSL	325°, 64%, 86%
HSV	325°, 19%, 95%
XYZ	69.6784, 63.6848, 78.4253
YIQ	212.8320, 18.7490, 18.1490

Conversions

Conversions Part 2

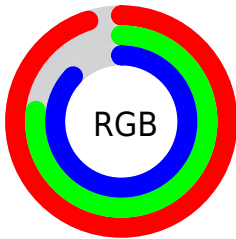
Format	Color
R_{YB}	242, 196, 223
Decimal	15910111
CIE _{Lab}	83.80, 20.66, -7.21
CIE _{LCh}	84, 21.883, 340.771
Yxy	63.6848, 0.3290, 0.3007
Android (android.graphics.Color)	4294100191 (0xFFFF2C4DF)
YUV	212.8320, 5.0128, 25.5803
Hunter-Lab	79.8028, 16.1994, -2.4047

Details

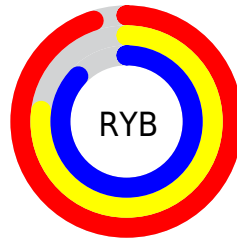
The Yxy color $63.6848, 0.3290, 0.3007$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $80.1539, 0.2992, 0.3591$, and the grayscale version is $66.3799, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.7306, 0.3128, 0.3271$, and $32.4874, 0.3322, 0.2937$ is the 20% darker color. If you saturate the color by 10%, you get $53.1123, 0.3400, 0.2851$, and if you desaturate by 10%, it is $76.0557, 0.3197, 0.3159$.

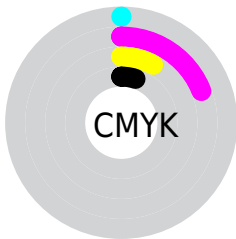
Distribution



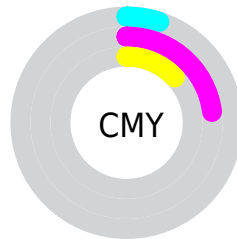
- Red (95%)
- Green (77%)
- Blue (87%)



- Red (95%)
- Yellow (77%)
- Blue (87%)



- Cyan (0%)
- Magenta (19%)
- Yellow (8%)
- Black (5%)




- Cyan (5%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.6848, 0.3290, 0.3007 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 63.6848, 0.3290, 0.3007 by changing the saturation by 10% instead.


 63.6848, 0.3290,
0.3007

 63.6848, 0.3290,
0.3007


438.0505, 0.3214,
0.3138

 46.3954, 0.3307,
0.2977


 110.1569, 0.3264,
0.3052

 32.5580, 0.3329,
0.2940


140.1084, 0.3253,
0.3070

 21.7880, 0.3356,
0.2893


175.0493, 0.3245,
0.3085

 13.7012, 0.3392,
0.2832

215.3642, 0.3237,
0.3099

 7.9132, 0.3441,
0.2748

261.4374, 0.3230,
0.3110

 4.0394, 0.3513,
0.2627


313.6532, 0.3224,

 1.6956, 0.3625,


0.3121


0.2438


372.3961, 0.3219,
0.3130


 0.4208, 0.3958,
0.1839


 0.0000, 0.0000,
0.0000


 63.6848, 0.3290,
0.3007


 63.6848, 0.3290,
0.3007

 53.1123, 0.3400,
0.2851


 76.0557, 0.3197,
0.3159


 44.2450, 0.3529,
0.2695

 90.2956, 0.3120,
0.3304

 36.9938, 0.3678,
0.2549

 97.4912, 0.3059,
0.3309

 31.2584, 0.3845,
0.2421

 97.6190, 0.3048,
0.3290

■ 26.9269, 0.4029,
0.2324

■ 23.8721, 0.4222,
0.2270

■ 21.9432, 0.4417,
0.2267

■ 20.9129, 0.4606,
0.2315

■ 20.8311, 0.4624,
0.2321

Harmonies

Analogous

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



63.6848, 0.3010, 0.2871



63.6848, 0.3290, 0.3007



63.6848, 0.3534, 0.3212

Triad

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



63.6848, 0.3290, 0.3007



63.6848, 0.3481, 0.3769



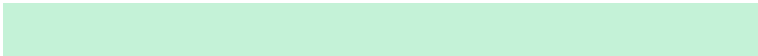
63.6848, 0.2617, 0.3098

Complementary

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



63.6848, 0.3290, 0.3007



80.1539, 0.2992, 0.3591

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.



63.6848, 0.2732, 0.3352



63.6848, 0.3290, 0.3007



63.6848, 0.3226, 0.3756

Square

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



63.6848, 0.3290, 0.3007



63.6848, 0.3645, 0.3649



63.6848, 0.2952, 0.3600



63.6848, 0.2631, 0.2912

Rectangle

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



63.6848, 0.3290, 0.3007



63.6848, 0.3638, 0.3366



63.6848, 0.2952, 0.3600



63.6848, 0.2642, 0.3178

Sweetspot

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



63.6876, 0.3290, 0.3007



90.2230, 0.3173, 0.3203



60.2500, 0.2943, 0.2787



19.0937, 0.3178, 0.3194



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.



63.6876, 0.3290, 0.3007



66.6536, 0.3332, 0.2944



62.5588, 0.3464, 0.3242



15.9144, 0.3201, 0.3152



11.2174, 0.4595, 0.2305



0.9529, 0.4362, 0.2177

Inverse Universe

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



63.6876, 0.3290, 0.3007



66.6536, 0.3332, 0.2944



81.3849, 0.2867, 0.3339



15.9144, 0.3201, 0.3152



11.2174, 0.4595, 0.2305



0.9529, 0.4362, 0.2177

Previews

White Background



This preview shows how the Yxy color 63.6848, 0.3290, 0.3007 looks on a white background.

Color Contrast Check

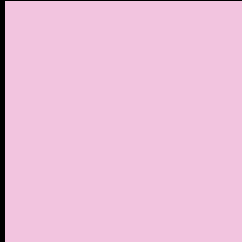
Large Text (above 18pt) WCAG AA × Fail

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 63.6848, 0.3290, 0.3007 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 63.6848, 0.3290, 0.3007

Background



This preview shows how black text looks on a background with the Yxy color 63.6848, 0.3290, 0.3007.



This preview shows how white text looks on a background with the Yxy color 63.6848, 0.3290, 0.3007.

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

63.6848, 0.3290, 0.3007

Protanopia

64.0903, 0.2971, 0.3043

Deuteranopia

63.8331, 0.3152, 0.3082



Tritanopia

63.8930, 0.3356, 0.3131

Trichromacy



Original Color

63.6848, 0.3290, 0.3007

Protanomaly

63.9474, 0.3086, 0.3038

Deuteranomaly

63.5714, 0.3208, 0.3053

Tritanomaly

63.6430, 0.3327, 0.3079

Monochromacy



Original Color

63.6848, 0.3290, 0.3007

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.4827, 0.3185, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6848, 0.3290, 0.3007 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, 196, 223)` looks like.

```
.text, #text, p{  
    color:rgb(242, 196, 223)  
}
```

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, 196, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 196, 223) }
```

Border

The CSS property to change the border of an element to Yxy 63.6848, 0.3290, 0.3007 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, 196, 223) }
```

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

```
.border{ border-color:rgb(242, 196, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 196, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 196, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 196, 223);  
box-shadow:4px 4px 4px 4px rgb(242, 196,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6848, 0.3290, 0.3007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 196, 223) }
```

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

```
.background{ background-color: rgb(242,  
196, 223) }
```

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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