

Converting Colors

$Y_{xy}(63.5733, 0.3226, 0.2890)$

Have a look what the booklet for
Yxy(63.5733, 0.3226, 0.2890)
contains.

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Color

Yxy(63.5215, 0.3224, 0.2886)

Conversions

Conversions Part 1

Format	Color
Hex	F3C2E9
RGB	243, 194, 233
RGB Percent	95%, 76%, 91%
CMY	0.0471, 0.2392, 0.0862
CMYK	0.00, 0.20, 0.04, 0.05
HSL	312°, 67%, 86%
HSV	312°, 20%, 95%
XYZ	70.9610, 63.5215, 85.6198
YIQ	213.0970, 16.6850, 22.5170

Conversions

Conversions Part 2

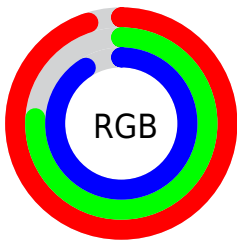
Format	Color
R _Y B	243, 194, 233
Decimal	15975145
CIE Lab	83.72, 23.78, -12.68
CIE LCh	84, 26.948, 331.938
Yxy	63.5215, 0.3224, 0.2886
Android (android.graphics.Color)	4294165225 (0xFFFF3C2E9)
YUV	213.0970, 9.8122, 26.2249
Hunter-Lab	79.7004, 19.4512, -7.9032

Details

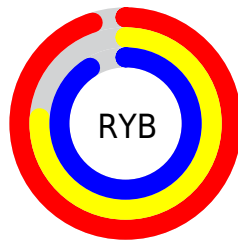
The Yxy color $63.5215, 0.3224, 0.2886$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $79.9262, 0.3043, 0.3731$, and the grayscale version is $66.5343, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.4744, 0.3129, 0.3252$, and $32.3696, 0.3244, 0.2795$ is the 20% darker color. If you saturate the color by 10%, you get $53.2985, 0.3283, 0.2680$, and if you desaturate by 10%, it is $75.5265, 0.3172, 0.3090$.

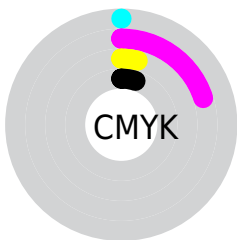
Distribution



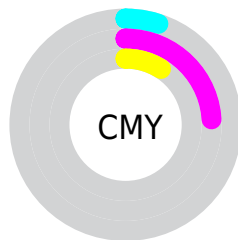
- Red (95%)
- Green (76%)
- Blue (91%)



- Red (95%)
- Yellow (76%)
- Blue (91%)



- Cyan (0%)
- Magenta (20%)
- Yellow (4%)
- Black (5%)





- Cyan (5%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.5215, 0.3224, 0.2886 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 63.5215, 0.3224, 0.2886 by changing the saturation by 10% instead.

 63.5215, 0.3224,
0.2886

 63.5215, 0.3224,
0.2886


437.4596, 0.3181,
0.3071

 46.2632, 0.3233,
0.2844


 109.9215, 0.3209,
0.2950

 32.4536, 0.3245,
0.2793


139.8321, 0.3204,
0.2975

 21.7082, 0.3259,
0.2728


174.7288, 0.3199,
0.2996

 13.6426, 0.3276,
0.2644

214.9962, 0.3194,
0.3015

 7.8725, 0.3299,
0.2532

261.0186, 0.3190,
0.3032

 4.0135, 0.3330,
0.2372


313.1803, 0.3187,

 1.6811, 0.3372,


0.3046


0.2129


371.8659, 0.3184,
0.3059


 0.4114, 0.3528,
0.1483


 0.0000, 0.0000,
0.0000


 63.5215, 0.3224,
0.2886


 63.5215, 0.3224,
0.2886

 53.2985, 0.3283,
0.2680

 75.5265, 0.3172,
0.3090


 44.7631, 0.3349,
0.2479

 89.3850, 0.3128,
0.3287

 37.8252, 0.3422,
0.2291

 97.3423, 0.3094,
0.3360

 32.3825, 0.3500,
0.2128

 97.6535, 0.3066,
0.3311

■ 28.3213, 0.3580,
0.1999

■ 97.7934, 0.3054,
0.3290

■ 25.5111, 0.3661,
0.1912

■ 23.7967, 0.3740,
0.1873

■ 22.9252, 0.3815,
0.1875

Harmonies

Analogous

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



63.5215, 0.2886, 0.2753



63.5215, 0.3224, 0.2886



63.5215, 0.3551, 0.3113

Triad

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



63.5215, 0.3224, 0.2886



63.5215, 0.3636, 0.3850



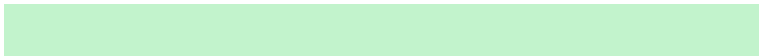
63.5215, 0.2529, 0.3135

Complementary

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



63.5215, 0.3224, 0.2886



79.9262, 0.3043, 0.3731

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.



63.5215, 0.2709, 0.3461



63.5215, 0.3224, 0.2886



63.5215, 0.3344, 0.3893

Square

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



63.5215, 0.3224, 0.2886



63.5215, 0.3794, 0.3658



63.5215, 0.3005, 0.3750



63.5215, 0.2500, 0.2878

Rectangle

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



63.5215, 0.3224, 0.2886



63.5215, 0.3711, 0.3295



63.5215, 0.3005, 0.3750



63.5215, 0.2574, 0.3241

Sweetspot

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



63.5243, 0.3224, 0.2886



90.4245, 0.3153, 0.3173



57.8674, 0.2859, 0.2743



19.1414, 0.3156, 0.3160



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.



63.5243, 0.3224, 0.2886



66.1973, 0.3246, 0.2806



62.2292, 0.3411, 0.3135



16.7070, 0.3169, 0.3104



12.6031, 0.3803, 0.1869



1.1220, 0.3714, 0.1820

Inverse Universe

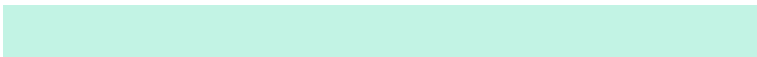
The Inverse Universe completely reimagines the original color for something new.



63.5243, 0.3224, 0.2886



66.1973, 0.3246, 0.2806



81.1851, 0.2906, 0.3452



16.7070, 0.3169, 0.3104



12.6031, 0.3803, 0.1869



1.1220, 0.3714, 0.1820

Previews

White Background



This preview shows how the Yxy color 63.5215, 0.3224, 0.2886 looks on a white background.

Color Contrast Check

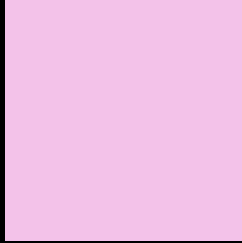
Large Text (above 18pt) WCAG AA × Fail

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 63.5215, 0.3224, 0.2886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

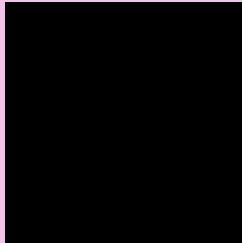
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.5215, 0.3224, 0.2886

Background



This preview shows how black text looks on a background with the Yxy color 63.5215, 0.3224, 0.2886.



This preview shows how white text looks on a background with the Yxy color 63.5215, 0.3224, 0.2886.

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

63.5215, 0.3224, 0.2886

Protanopia

63.7330, 0.2866, 0.2901

Deuteranopia

63.5415, 0.3052, 0.2984



Tritanopia

63.2619, 0.3349, 0.3120

Trichromacy



Original Color

63.5215, 0.3224, 0.2886

Protanomaly

63.3785, 0.2990, 0.2888

Deuteranomaly

63.6287, 0.3113, 0.2947

Tritanomaly

63.3479, 0.3305, 0.3037

Monochromacy



Original Color

63.5215, 0.3224, 0.2886

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.1572, 0.3165, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5215, 0.3224, 0.2886 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(243, 194, 233)` looks like.

```
.text, #text, p{  
    color:rgb(243, 194, 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(243, 194, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 194, 233) }
```

Border

The CSS property to change the border of an element to Yxy 63.5215, 0.3224, 0.2886 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(243, 194, 233) }
```

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

```
.border{ border-color:rgb(243, 194, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 194, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 194, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 194, 233);  
box-shadow:4px 4px 4px 4px rgb(243, 194,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5215, 0.3224, 0.2886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 194, 233) }
```

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

```
.background{ background-color: rgb(243,  
194, 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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