

Converting Colors

$Y_{xy}(67.0855, 0.3208, 0.2952)$

Have a look what the booklet for
Yxy(67.0855, 0.3208, 0.2952)
contains.

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Color

Yxy(67.2363, 0.3211, 0.2960)

Conversions

Conversions Part 1

Format	Color
Hex	F3CAEA
RGB	243, 202, 234
RGB Percent	95%, 79%, 92%
CMY	0.0470, 0.2078, 0.0823
CMYK	0.00, 0.17, 0.04, 0.05
HSL	313°, 63%, 87%
HSV	313°, 17%, 95%
XYZ	72.9378, 67.2363, 86.9756
YIQ	217.9070, 14.1640, 18.6440

Conversions

Conversions Part 2

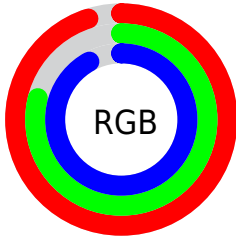
Format	Color
R _Y B	243, 202, 234
Decimal	15977194
CIE Lab	85.62, 19.73, -10.36
CIE LCh	86, 22.286, 332.304
Yxy	67.2363, 0.3211, 0.2960
Android (android.graphics.Color)	4294167274 (0xFFF3CAEA)
YUV	217.9070, 7.9338, 22.0066
Hunter-Lab	81.9977, 15.2814, -5.4909

Details

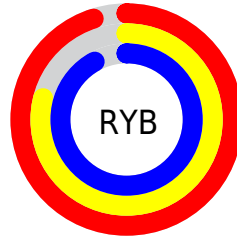
The Yxy color **67.2363, 0.3211, 0.2960** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.3713, 0.3053, 0.3644**, and the grayscale version is **69.9834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.9590, 0.3236, 0.2892** is the 20% darker color. If you saturate the color by 10%, you get **56.4167, 0.3271, 0.2758**, and if you desaturate by 10%, it is **79.8668, 0.3159, 0.3158**.

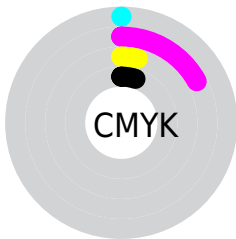
Distribution



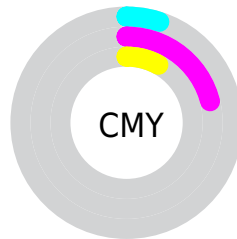
- Red (95%)
- Green (79%)
- Blue (92%)



- Red (95%)
- Yellow (79%)
- Blue (92%)



- Cyan (0%)
- Magenta (17%)
- Yellow (4%)
- Black (5%)




- Cyan (5%)
- Magenta (21%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2363, 0.3211, 0.2960 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 67.2363, 0.3211, 0.2960 by changing the saturation by 10% instead.


 67.2363, 0.3211,
0.2960

 67.2363, 0.3211,
0.2960


450.7854, 0.3174,
0.3111

 49.2767, 0.3219,
0.2926


115.2589, 0.3198,
0.3012

 34.8390, 0.3229,
0.2884


146.0908, 0.3193,
0.3032

 23.5389, 0.3242,
0.2832


181.9821, 0.3189,
0.3050

 14.9919, 0.3257,
0.2764

223.3173, 0.3185,
0.3065

 8.8137, 0.3278,
0.2673

270.4809, 0.3182,
0.3078

 4.6199, 0.3306,
0.2544


323.8572, 0.3179,


 2.0260, 0.3347,

0.3090

0.2347


383.8306, 0.3176,
0.3101


 0.6225, 0.3434,
0.1952


 0.0000, 0.0972,
0.0000

 67.2363, 0.3211,
0.2960

 67.2363, 0.3211,
0.2960


 56.4167, 0.3271,
0.2758


 79.8668, 0.3159,
0.3158


 47.3151, 0.3340,
0.2557

 94.3776, 0.3114,
0.3348

 39.8440, 0.3415,
0.2367

 97.4812, 0.3082,
0.3338

 33.9044, 0.3498,
0.2198

 97.7976, 0.3054,
0.3290

■ 29.3867, 0.3585,
0.2059

■ 26.1665, 0.3673,
0.1960

■ 24.0981, 0.3761,
0.1907

■ 22.9958, 0.3844,
0.1902

■ 22.7580, 0.3870,
0.1906

Harmonies

Analogous

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



67.2363, 0.2935, 0.2850



67.2363, 0.3211, 0.2960



67.2363, 0.3474, 0.3149

Triad

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



67.2363, 0.3211, 0.2960



67.2363, 0.3540, 0.3747



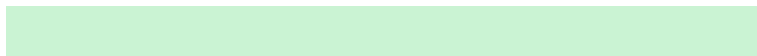
67.2363, 0.2637, 0.3165

Complementary

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



67.2363, 0.3211, 0.2960



81.3713, 0.3053, 0.3644

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.



67.2363, 0.2785, 0.3427



67.2363, 0.3211, 0.2960



67.2363, 0.3303, 0.3775

Square

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



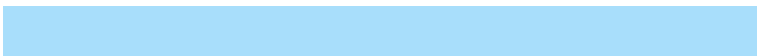
67.2363, 0.3211, 0.2960



67.2363, 0.3667, 0.3597



67.2363, 0.3027, 0.3657



67.2363, 0.2614, 0.2955

Rectangle

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



67.2363, 0.3211, 0.2960



67.2363, 0.3601, 0.3301



67.2363, 0.3027, 0.3657



67.2363, 0.2673, 0.3250

Sweetspot

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



67.2392, 0.3211, 0.2960



91.9540, 0.3150, 0.3194



62.5453, 0.2913, 0.2841



19.4491, 0.3153, 0.3181



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.



67.2392, 0.3211, 0.2960



70.9647, 0.3229, 0.2896



66.1344, 0.3362, 0.3168



16.7023, 0.3172, 0.3107



12.5095, 0.3858, 0.1899



1.1145, 0.3760, 0.1845

Inverse Universe

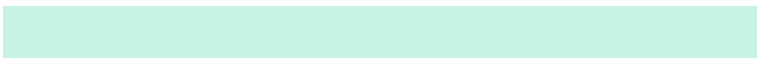
The Inverse Universe completely reimagines the original color for something new.



67.2392, 0.3211, 0.2960



70.9647, 0.3229, 0.2896



82.4593, 0.2936, 0.3416



16.7023, 0.3172, 0.3107



12.5095, 0.3858, 0.1899



1.1145, 0.3760, 0.1845

Previews

White Background



This preview shows how the Yxy color 67.2363, 0.3211, 0.2960 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 67.2363, 0.3211, 0.2960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

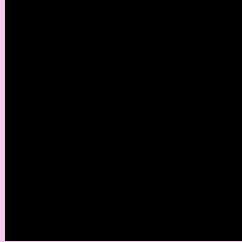
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.2363, 0.3211, 0.2960

Background



This preview shows how black text looks on a background with the Yxy color 67.2363, 0.3211, 0.2960.



This preview shows how white text looks on a background with the Yxy color 67.2363, 0.3211, 0.2960.

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

67.2363, 0.3211, 0.2960

Protanopia

67.6410, 0.2923, 0.2984

Deuteranopia

67.3258, 0.3095, 0.3023



Tritanopia

67.0538, 0.3296, 0.3122

Trichromacy



Original Color

67.2363, 0.3211, 0.2960

Protanomaly

67.3036, 0.3025, 0.2979

Deuteranomaly

67.3494, 0.3141, 0.3005

Tritanomaly

67.0254, 0.3268, 0.3061

Monochromacy



Original Color

67.2363, 0.3211, 0.2960

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

68.7997, 0.3155, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2363, 0.3211, 0.2960 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, 202, 234)` looks like.

```
.text, #text, p{  
    color:rgb(243, 202, 234)  
}
```

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, 202, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 202, 234) }
```

Border

The CSS property to change the border of an element to Yxy 67.2363, 0.3211, 0.2960 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, 202, 234) }
```

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

```
.border{ border-color:rgb(243, 202, 234) }
```

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

Here you see how a box with a 4 pixel rgb(243, 202, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 202, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 202, 234);  
box-shadow:4px 4px 4px 4px rgb(243, 202,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2363, 0.3211, 0.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 202, 234) }
```

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

```
.background{ background-color: rgb(243,  
202, 234) }
```

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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