

Converting Colors

$Yxy(68.9028, 0.3133, 0.3013)$

Have a look what the booklet for
Yxy(68.9028, 0.3133, 0.3013)
contains.

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Color

Yxy(69.0915, 0.3133, 0.3017)

Conversions

Conversions Part 1

Format	Color
Hex	EAD1EB
RGB	234, 209, 235
RGB Percent	92%, 82%, 92%
CMY	0.0821, 0.1805, 0.0783
CMYK	0.00, 0.11, 0.00, 0.08
HSL	298°, 39%, 87%
HSV	298°, 11%, 92%
XYZ	71.7480, 69.0915, 88.1678
YIQ	219.4390, 6.5540, 13.3860

Conversions

Conversions Part 2

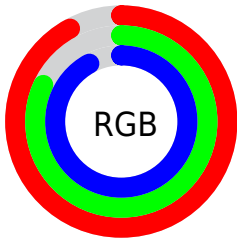
Format	Color
R_{YB}	234, 209, 235
Decimal	15389163
CIE _{Lab}	86.55, 13.24, -9.61
CIE _{LCh}	87, 16.356, 324.036
Yxy	69.0915, 0.3133, 0.3017
Android (android.graphics.Color)	4293579243 (0xFFEAD1EB)
YUV	219.4390, 7.6716, 12.7700
Hunter-Lab	83.1213, 8.6140, -4.7047

Details

The Yxy color **69.0915, 0.3133, 0.3017** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.7225, 0.3120, 0.3578**, and the grayscale version is **71.1091, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1623, 0.3133, 0.2964** is the 20% darker color. If you saturate the color by 10%, you get **58.2573, 0.3137, 0.2764**, and if you desaturate by 10%, it is **81.6334, 0.3128, 0.3264**.

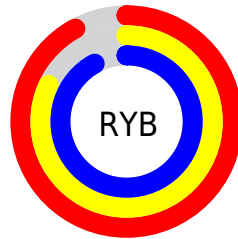
Distribution



Red (92%)

Green (82%)

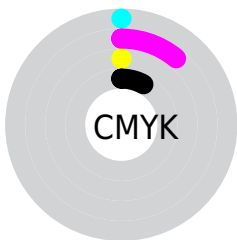
Blue (92%)



Red (92%)

Yellow (82%)

Blue (92%)

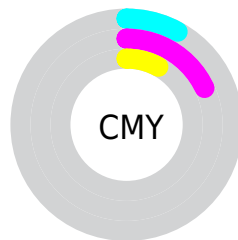


Cyan (0%)

Magenta (11%)

Yellow (0%)

Black (8%)



Cyan (8%)


Magenta (18%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.0915, 0.3133, 0.3017 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 69.0915, 0.3133, 0.3017 by changing the saturation by 10% instead.


 69.0915, 0.3133,
0.3017

 69.0915, 0.3133,
0.3017


457.3536, 0.3131,
0.3142

 50.7862, 0.3133,
0.2989

117.9123, 0.3133,
0.3060

 36.0385, 0.3133,
0.2954

149.1965, 0.3133,
0.3077

 24.4639, 0.3133,
0.2911


185.5759, 0.3132,
0.3091

 15.6781, 0.3132,
0.2854

227.4349, 0.3132,
0.3104

 9.2967, 0.3131,
0.2778

275.1577, 0.3132,
0.3115

 4.9352, 0.3127,
0.2669

329.1288, 0.3132,

 2.2093, 0.3118,

0.3125

0.2503

389.7327, 0.3132,
0.3134

0.7251, 0.3103,
0.2197

0.0000, 0.0000,
0.0000

69.0915, 0.3133,
0.3017

69.0915, 0.3133,
0.3017

58.2573, 0.3137,
0.2764

81.6334, 0.3128,
0.3264

49.0477, 0.3141,
0.2513


95.3155, 0.3123,
0.3490

41.3859, 0.3143,
0.2271

95.4620, 0.3128,
0.3490

35.1855, 0.3143,
0.2049

95.6092, 0.3133,
0.3489


 30.3518, 0.3141,
0.1857


 95.7571, 0.3138,
0.3489


 26.7786, 0.3138,
0.1702


 95.9057, 0.3144,
0.3489


 24.3445, 0.3132,
0.1590

 96.0550, 0.3149,
0.3488

 22.9038, 0.3125,
0.1522

 96.2050, 0.3155,
0.3488

 22.2452, 0.3117,
0.1491

 96.3557, 0.3160,
0.3488

Harmonies

Analogous

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



69.0915, 0.2939, 0.2956



69.0915, 0.3133, 0.3017



69.0915, 0.3331, 0.3145

Triad

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



69.0915, 0.3133, 0.3017



69.0915, 0.3463, 0.3602



69.0915, 0.2789, 0.3253

Complementary

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



69.0915, 0.3133, 0.3017



77.7225, 0.3120, 0.3578

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.



69.0915, 0.2922, 0.3440



69.0915, 0.3133, 0.3017



69.0915, 0.3310, 0.3645

Square

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



69.0915, 0.3133, 0.3017



69.0915, 0.3525, 0.3477



69.0915, 0.3111, 0.3586



69.0915, 0.2745, 0.3085

Rectangle

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



69.0915, 0.3133, 0.3017



69.0915, 0.3437, 0.3253



69.0915, 0.3111, 0.3586



69.0915, 0.2825, 0.3316

Sweetspot

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



69.0945, 0.3133, 0.3017



95.1631, 0.3129, 0.3217



65.7829, 0.2953, 0.3016



20.0991, 0.3129, 0.3197



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.



69.0945, 0.3133, 0.3017



80.4150, 0.3134, 0.2967



68.5999, 0.3222, 0.3138



15.2842, 0.3132, 0.3058



12.3905, 0.3119, 0.1492



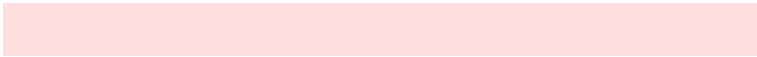
0.9817, 0.3132, 0.1499

Inverse Universe

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



67.9052, 0.3318, 0.3280



78.7536, 0.3357, 0.3279



78.1860, 0.3042, 0.3447



15.0629, 0.3287, 0.3282



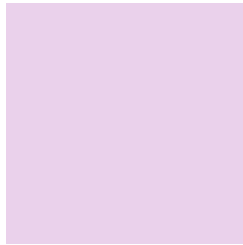
9.8442, 0.6362, 0.3278



0.7761, 0.6256, 0.3220

Previews

White Background



This preview shows how the Yxy color 69.0915, 0.3133, 0.3017 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 69.0915, 0.3133, 0.3017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

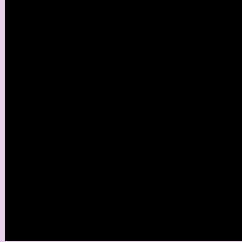
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.0915, 0.3133, 0.3017

Background



This preview shows how black text looks on a background with the Yxy color 69.0915, 0.3133, 0.3017.



This preview shows how white text looks on a background with the Yxy color 69.0915, 0.3133, 0.3017.

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

69.0915, 0.3133, 0.3017

Protanopia

69.1290, 0.2963, 0.3030

Deuteranopia

69.4097, 0.3103, 0.3036



Tritanopia

68.9629, 0.3180, 0.3110

Trichromacy



Original Color

69.0915, 0.3133, 0.3017

Protanomaly

69.1337, 0.3018, 0.3022

Deuteranomaly

69.0803, 0.3110, 0.3026

Tritanomaly

69.1300, 0.3159, 0.3079

Monochromacy



Original Color

69.0915, 0.3133, 0.3017

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.8844, 0.3125, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0915, 0.3133, 0.3017 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(234, 209, 235)` looks like.

```
.text, #text, p{  
    color:rgb(234, 209, 235)  
}
```

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(234, 209, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 209, 235) }
```

Border

The CSS property to change the border of an element to Yxy 69.0915, 0.3133, 0.3017 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(234, 209, 235) }
```

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

```
.border{ border-color:rgb(234, 209, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 209, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 209, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 209, 235);  
box-shadow:4px 4px 4px 4px rgb(234, 209,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0915, 0.3133, 0.3017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 209, 235) }
```

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

```
.background{ background-color: rgb(234,  
209, 235) }
```

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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