

Converting Colors

Yxy(68.1870, 0.3219, 0.3143)

Have a look what the booklet for
Yxy(68.1870, 0.3219, 0.3143)
contains.

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Color

Yxy(68.3673, 0.3223, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	EAD1DE
RGB	234, 209, 222
RGB Percent	92%, 82%, 87%
CMY	0.0825, 0.1803, 0.1294
CMYK	0.00, 0.11, 0.05, 0.08
HSL	329°, 37%, 87%
HSV	329°, 11%, 92%
XYZ	69.9073, 68.3673, 78.6267
YIQ	217.9570, 10.7270, 9.3430

Conversions

Conversions Part 2

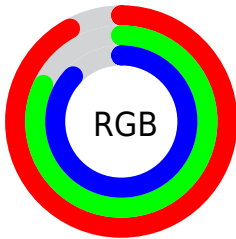
Format	Color
R_{YB}	234, 209, 222
Decimal	15389150
CIE _{Lab}	86.19, 10.86, -3.24
CIE _{LCh}	86, 11.335, 343.376
Yxy	68.3673, 0.3223, 0.3152
Android (android.graphics.Color)	4293579230 (0xFFEAD1DE)
YUV	217.9570, 1.9932, 14.0697
Hunter-Lab	82.6845, 6.2185, 1.4989

Details

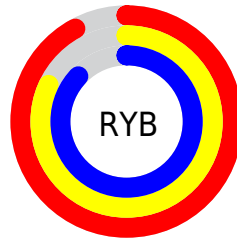
The Yxy color **68.3673, 0.3223, 0.3152** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.5977, 0.3041, 0.3432**, and the grayscale version is **70.0594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.6977, 0.3243, 0.3125** is the 20% darker color. If you saturate the color by 10%, you get **57.1381, 0.3332, 0.3016**, and if you desaturate by 10%, it is **81.3281, 0.3133, 0.3282**.

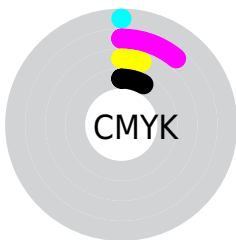
Distribution



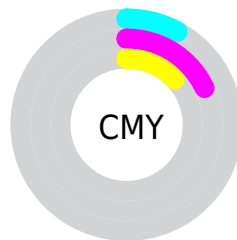
- Red (92%)
- Green (82%)
- Blue (87%)



- Red (92%)
- Yellow (82%)
- Blue (87%)



- Cyan (0%)
- Magenta (11%)
- Yellow (5%)
- Black (8%)




- Cyan (8%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.3673, 0.3223, 0.3152 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 68.3673, 0.3223, 0.3152 by changing the saturation by 10% instead.


 68.3673, 0.3223,
0.3152

 68.3673, 0.3223,
0.3152


454.7963, 0.3179,
0.3216

 50.1966, 0.3233,
0.3137


116.8774, 0.3208,
0.3174

 35.5696, 0.3246,
0.3119


147.9857, 0.3202,
0.3183

 24.1020, 0.3262,
0.3096


184.1752, 0.3196,
0.3190

 15.4093, 0.3283,
0.3066

225.8305, 0.3192,
0.3197

 9.1071, 0.3312,
0.3025

273.3358, 0.3188,
0.3202

 4.8111, 0.3354,
0.2965

327.0756, 0.3184,

 2.1369, 0.3422,

0.3207

0.2871

387.4343, 0.3181,
0.3212

0.6852, 0.3565,
0.2659

0.0000, 0.0000,
0.0000

68.3673, 0.3223,
0.3152

68.3673, 0.3223,
0.3152

57.1381, 0.3332,
0.3016

81.3281, 0.3133,
0.3282

47.5578, 0.3462,
0.2876

95.5626, 0.3058,
0.3395

39.5498, 0.3616,
0.2737

96.2251, 0.2999,
0.3290

33.0283, 0.3795,
0.2609

■ 27.8991, 0.3998,
0.2499

■ 24.0569, 0.4221,
0.2422

■ 21.3815, 0.4455,
0.2389

■ 19.7293, 0.4690,
0.2410

■ 18.8877, 0.4901,
0.2473

Harmonies

Analogous

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



68.3673, 0.3082, 0.3076



68.3673, 0.3223, 0.3152



68.3673, 0.3340, 0.3263

Triad

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



68.3673, 0.3223, 0.3152



68.3673, 0.3298, 0.3533



68.3673, 0.2862, 0.3187

Complementary

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



68.3673, 0.3223, 0.3152



77.5977, 0.3041, 0.3432

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.



68.3673, 0.2918, 0.3312



68.3673, 0.3223, 0.3152



68.3673, 0.3168, 0.3516

Square

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



68.3673, 0.3223, 0.3152



68.3673, 0.3384, 0.3483



68.3673, 0.3029, 0.3434



68.3673, 0.2876, 0.3094

Rectangle

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



68.3673, 0.3223, 0.3152



68.3673, 0.3388, 0.3344



68.3673, 0.3029, 0.3434



68.3673, 0.2873, 0.3227

Sweetspot

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



68.3703, 0.3223, 0.3152



94.9820, 0.3152, 0.3252



66.8670, 0.3043, 0.3020



20.0502, 0.3159, 0.3242



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.



68.3703, 0.3223, 0.3152



79.6621, 0.3247, 0.3120



67.7414, 0.3310, 0.3282



15.1852, 0.3211, 0.3168



10.6439, 0.4867, 0.2455



0.8552, 0.4575, 0.2294

Inverse Universe

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



68.3703, 0.3223, 0.3152



79.6621, 0.3247, 0.3120



78.2695, 0.2968, 0.3299



15.1852, 0.3211, 0.3168



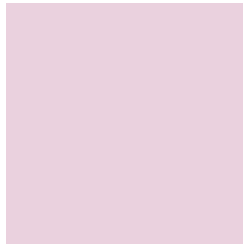
10.6439, 0.4867, 0.2455



0.8552, 0.4575, 0.2294

Previews

White Background



This preview shows how the Yxy color 68.3673, 0.3223, 0.3152 looks on a white background.

Color Contrast Check

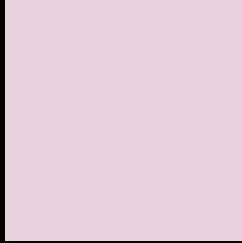
Large Text (above 18pt) WCAG AA × Fail

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 68.3673, 0.3223, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

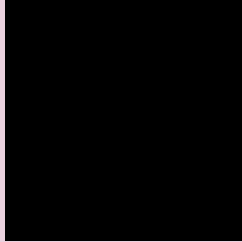
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.3673, 0.3223, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 68.3673, 0.3223, 0.3152.



This preview shows how white text looks on a background with the Yxy color 68.3673, 0.3223, 0.3152.

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

68.3673, 0.3223, 0.3152

Protanopia

68.2811, 0.3075, 0.3169

Deuteranopia

68.3673, 0.3223, 0.3152



Tritanopia

68.5296, 0.3202, 0.3121

Trichromacy



Original Color

68.3673, 0.3223, 0.3152

Protanomaly

68.1568, 0.3126, 0.3160

Deuteranomaly

68.3673, 0.3223, 0.3152

Tritanomaly

68.4752, 0.3209, 0.3131

Monochromacy



Original Color

68.3673, 0.3223, 0.3152

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.5626, 0.3166, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.3673, 0.3223, 0.3152 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(234, 209, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 209, 222) }
```

Border

The CSS property to change the border of an element to Yxy 68.3673, 0.3223, 0.3152 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, 222) }
```

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

```
.border{ border-color:rgb(234, 209, 222) }
```

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, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 209, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 209, 222);  
box-shadow:4px 4px 4px 4px rgb(234, 209,  
222) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 68.3673, 0.3223, 0.3152$ 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, 222) }
```

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

```
.background{ background-color: rgb(234,  
209, 222) }
```

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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