

Converting Colors

Yxy(67.6605, 0.3254, 0.3163)

Have a look what the booklet for
Yxy(67.6605, 0.3254, 0.3163)
contains.

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Color

Yxy(67.4023, 0.3254, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	EBCFDB
RGB	235, 207, 219
RGB Percent	92%, 81%, 86%
CMY	0.0784, 0.1882, 0.1410
CMYK	0.00, 0.12, 0.07, 0.08
HSL	334°, 41%, 87%
HSV	334°, 12%, 92%
XYZ	69.3634, 67.4023, 76.3978
YIQ	216.7400, 12.8360, 9.6680

Conversions

Conversions Part 2

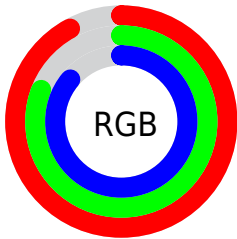
Format	Color
R _{YB}	235, 207, 219
Decimal	15454171
CIE Lab	85.71, 11.77, -2.36
CIE LCh	86, 12.005, 348.643
Yxy	67.4023, 0.3254, 0.3162
Android (android.graphics.Color)	4293644251 (0xFFEBCFDB)
YUV	216.7400, 1.1142, 16.0140
Hunter-Lab	82.0989, 7.1373, 2.2964

Details

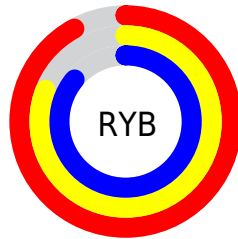
The Yxy color **67.4023, 0.3254, 0.3162** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.0076, 0.3016, 0.3422**, and the grayscale version is **69.1893, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.0465, 0.3285, 0.3138** is the 20% darker color. If you saturate the color by 10%, you get **56.1754, 0.3386, 0.3048**, and if you desaturate by 10%, it is **80.3865, 0.3146, 0.3270**.

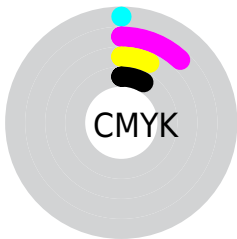
Distribution



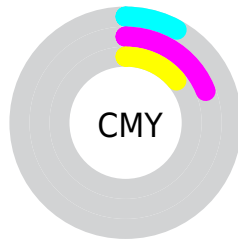
- Red (92%)
- Green (81%)
- Blue (86%)



- Red (92%)
- Yellow (81%)
- Blue (86%)



- Cyan (0%)
- Magenta (12%)
- Yellow (7%)
- Black (8%)




- Cyan (8%)
- Magenta (19%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.4023, 0.3254, 0.3162 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 67.4023, 0.3254, 0.3162 by changing the saturation by 10% instead.


 67.4023, 0.3254,
0.3162

 67.4023, 0.3254,
0.3162


451.3754, 0.3195,
0.3222

 49.4116, 0.3268,
0.3148


115.4967, 0.3233,
0.3183

 34.9461, 0.3285,
0.3131


146.3692, 0.3225,
0.3191

 23.6214, 0.3306,
0.3110


182.3044, 0.3218,
0.3198

 15.0530, 0.3335,
0.3081


223.6868, 0.3212,
0.3204

 8.8566, 0.3374,
0.3042

270.9007, 0.3207,
0.3209

 4.6478, 0.3432,
0.2986

324.3305, 0.3203,

 2.0421, 0.3526,

0.3214

0.2895

384.3606, 0.3198,
0.3218

0.6318, 0.3744,
0.2662

0.0000, 0.0000,
0.0000

67.4023, 0.3254,
0.3162

67.4023, 0.3254,
0.3162

56.1754, 0.3386,
0.3048

80.3865, 0.3146,
0.3270

46.6211, 0.3545,
0.2932

95.1905, 0.3057,
0.3371

38.6608, 0.3735,
0.2817

96.4020, 0.3005,
0.3290

32.2060, 0.3958,
0.2712

■ 27.1595, 0.4212,
0.2627

■ 23.4129, 0.4492,
0.2575

■ 20.8412, 0.4785,
0.2569

■ 19.2947, 0.5073,
0.2616

■ 18.6022, 0.5291,
0.2688

Harmonies

Analogous

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



67.4023, 0.3105, 0.3073



67.4023, 0.3254, 0.3162



67.4023, 0.3370, 0.3284

Triad

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



67.4023, 0.3254, 0.3162



67.4023, 0.3287, 0.3551



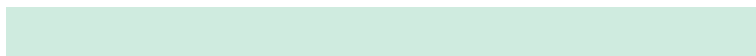
67.4023, 0.2843, 0.3159

Complementary

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



67.4023, 0.3254, 0.3162



78.0076, 0.3016, 0.3422

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.



67.4023, 0.2889, 0.3289



67.4023, 0.3254, 0.3162



67.4023, 0.3144, 0.3520

Square

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



67.4023, 0.3254, 0.3162



67.4023, 0.3389, 0.3509



67.4023, 0.2998, 0.3423



67.4023, 0.2870, 0.3069

Rectangle

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



67.4023, 0.3254, 0.3162



67.4023, 0.3412, 0.3369



67.4023, 0.2998, 0.3423



67.4023, 0.2850, 0.3200

Sweetspot

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



67.4053, 0.3254, 0.3162



93.2950, 0.3167, 0.3248



66.2917, 0.3052, 0.2989



19.7075, 0.3174, 0.3240



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.



67.4053, 0.3254, 0.3162



78.0576, 0.3280, 0.3138



67.7036, 0.3339, 0.3311



15.1616, 0.3225, 0.3189



10.3775, 0.5251, 0.2667



0.8338, 0.4900, 0.2473

Inverse Universe

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



67.4053, 0.3254, 0.3162



78.0576, 0.3280, 0.3138



77.6168, 0.2944, 0.3269



15.1616, 0.3225, 0.3189



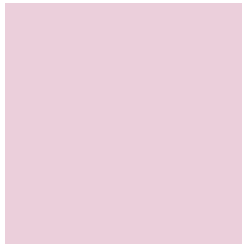
10.3775, 0.5251, 0.2667



0.8338, 0.4900, 0.2473

Previews

White Background



This preview shows how the Yxy color 67.4023, 0.3254, 0.3162 looks on a white background.

Color Contrast Check

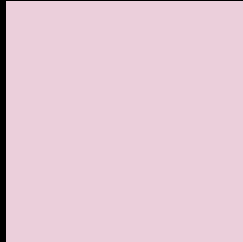
Large Text (above 18pt) WCAG AA × Fail

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 67.4023, 0.3254, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

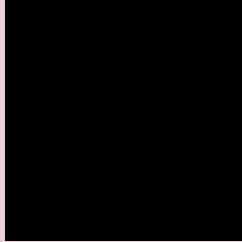
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.4023, 0.3254, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 67.4023, 0.3254, 0.3162.



This preview shows how white text looks on a background with the Yxy color 67.4023, 0.3254, 0.3162.

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

67.4023, 0.3254, 0.3162

Protanopia

67.5151, 0.3081, 0.3180

Deuteranopia

67.5499, 0.3238, 0.3173



Tritanopia

67.1325, 0.3226, 0.3110

Trichromacy



Original Color

67.4023, 0.3254, 0.3162

Protanomaly

67.5504, 0.3140, 0.3170

Deuteranomaly

67.7186, 0.3246, 0.3173

Tritanomaly

67.0787, 0.3234, 0.3120

Monochromacy



Original Color

67.4023, 0.3254, 0.3162

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.4977, 0.3174, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4023, 0.3254, 0.3162 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(235, 207, 219)` looks like.

```
.text, #text, p{  
    color:rgb(235, 207, 219)  
}
```

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(235, 207, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 207, 219) }
```

Border

The CSS property to change the border of an element to Yxy 67.4023, 0.3254, 0.3162 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(235, 207, 219) }
```

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

```
.border{ border-color:rgb(235, 207, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 207, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 207, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 207, 219);  
box-shadow:4px 4px 4px 4px rgb(235, 207,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4023, 0.3254, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 207, 219) }
```

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

```
.background{ background-color: rgb(235,  
207, 219) }
```

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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