

Converting Colors

$Y_{xy}(64.4223, 0.3298, 0.3007)$

Have a look what the booklet for
Yxy(64.4223, 0.3298, 0.3007)
contains.

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Color

Yxy(64.5474, 0.3297, 0.3009)

Conversions

Conversions Part 1

Format	Color
Hex	F4C5E0
RGB	244, 197, 224
RGB Percent	96%, 77%, 88%
CMY	0.0432, 0.2274, 0.1216
CMYK	0.00, 0.19, 0.08, 0.04
HSL	326°, 68%, 86%
HSV	326°, 19%, 96%
XYZ	70.7254, 64.5474, 79.2416
YIQ	214.1310, 19.3450, 18.3610

Conversions

Conversions Part 2

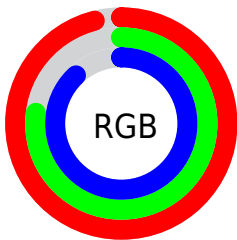
Format	Color
R_{YB}	244, 197, 224
Decimal	16041440
CIE _{Lab}	84.25, 20.98, -7.05
CIE _{LCh}	84, 22.130, 341.413
Yxy	64.5474, 0.3297, 0.3009
Android (android.graphics.Color)	4294231520 (0xFFFF4C5E0)
YUV	214.1310, 4.8654, 26.1951
Hunter-Lab	80.3414, 16.5381, -2.2394

Details

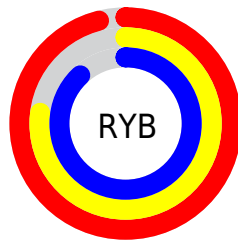
The Yxy color **64.5474, 0.3297, 0.3009** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.5799, 0.2987, 0.3589**, and the grayscale version is **67.2958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **33.0743, 0.3331, 0.2940** is the 20% darker color. If you saturate the color by 10%, you get **53.8046, 0.3411, 0.2856**, and if you desaturate by 10%, it is **77.1237, 0.3201, 0.3158**.

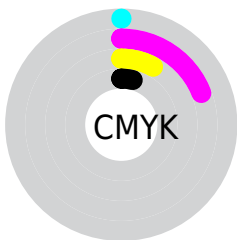
Distribution



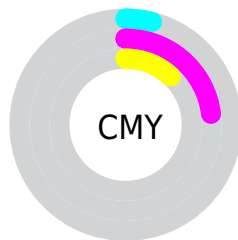
- Red (96%)
- Green (77%)
- Blue (88%)



- Red (96%)
- Yellow (77%)
- Blue (88%)



- Cyan (0%)
- Magenta (19%)
- Yellow (8%)
- Black (4%)




- Cyan (4%)
- Magenta (23%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.5474, 0.3297, 0.3009 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 64.5474, 0.3297, 0.3009 by changing the saturation by 10% instead.


 64.5474, 0.3297,
0.3009

 64.5474, 0.3297,
0.3009


441.1637, 0.3218,
0.3139

 47.0942, 0.3315,
0.2979


111.3989, 0.3270,
0.3054

 33.1101, 0.3337,
0.2943


141.5660, 0.3259,
0.3072

 22.2108, 0.3366,
0.2897


176.7398, 0.3250,
0.3087

 14.0119, 0.3403,
0.2836

217.3047, 0.3242,
0.3100

 8.1289, 0.3454,
0.2754

263.6452, 0.3235,
0.3111

 4.1776, 0.3528,
0.2636


316.1456, 0.3229,


 1.7734, 0.3644,

0.3122

0.2451


375.1903, 0.3223,
0.3131


 0.4705, 0.3952,
0.1927


 0.0000, 0.0000,
0.0000


 64.5474, 0.3297,
0.3009


 64.5474, 0.3297,
0.3009


 53.8046, 0.3411,
0.2856


 77.1237, 0.3201,
0.3158

 44.7999, 0.3544,
0.2703

 91.6058, 0.3122,
0.3300

 37.4423, 0.3699,
0.2560

 97.9719, 0.3060,
0.3290

 31.6291, 0.3873,
0.2436

■ 27.2459, 0.4064,
0.2342

■ 24.1621, 0.4264,
0.2292

■ 22.2229, 0.4467,
0.2293

■ 21.1904, 0.4663,
0.2346

■ 21.1281, 0.4678,
0.2351

Harmonies

Analogous

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



64.5474, 0.3015, 0.2870



64.5474, 0.3297, 0.3009



64.5474, 0.3541, 0.3216

Triad

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



64.5474, 0.3297, 0.3009



64.5474, 0.3479, 0.3774



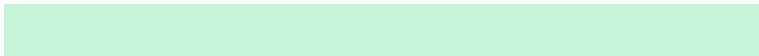
64.5474, 0.2613, 0.3092

Complementary

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



64.5474, 0.3297, 0.3009



81.5799, 0.2987, 0.3589

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.



64.5474, 0.2725, 0.3347



64.5474, 0.3297, 0.3009



64.5474, 0.3220, 0.3757

Square

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



64.5474, 0.3297, 0.3009



64.5474, 0.3646, 0.3654



64.5474, 0.2945, 0.3598



64.5474, 0.2630, 0.2907

Rectangle

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



64.5474, 0.3297, 0.3009



64.5474, 0.3644, 0.3372



64.5474, 0.2945, 0.3598



64.5474, 0.2636, 0.3172

Sweetspot

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



64.5503, 0.3297, 0.3009



90.2111, 0.3174, 0.3205



61.1570, 0.2946, 0.2781



19.0909, 0.3179, 0.3196



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.



64.5503, 0.3297, 0.3009



66.6125, 0.3338, 0.2951



63.3827, 0.3476, 0.3249



16.6420, 0.3203, 0.3155



11.5169, 0.4648, 0.2334



1.0328, 0.4418, 0.2207

Inverse Universe

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



64.5503, 0.3297, 0.3009



66.6125, 0.3338, 0.2951



82.8651, 0.2859, 0.3332



16.6420, 0.3203, 0.3155



11.5169, 0.4648, 0.2334



1.0328, 0.4418, 0.2207

Previews

White Background



This preview shows how the Yxy color 64.5474, 0.3297, 0.3009 looks on a white background.

Color Contrast Check

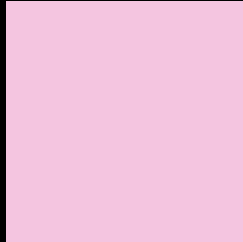
Large Text (above 18pt) WCAG AA × Fail

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 64.5474, 0.3297, 0.3009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

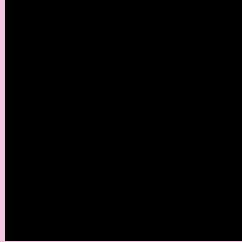
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.5474, 0.3297, 0.3009

Background



This preview shows how black text looks on a background with the Yxy color 64.5474, 0.3297, 0.3009.



This preview shows how white text looks on a background with the Yxy color 64.5474, 0.3297, 0.3009.

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

64.5474, 0.3297, 0.3009

Protanopia

64.7803, 0.2972, 0.3044

Deuteranopia

64.5210, 0.3152, 0.3083



Tritanopia

64.7566, 0.3363, 0.3132

Trichromacy



Original Color

64.5474, 0.3297, 0.3009

Protanomaly

64.6362, 0.3087, 0.3039

Deuteranomaly

64.2568, 0.3207, 0.3054

Tritanomaly

64.5048, 0.3334, 0.3080

Monochromacy



Original Color

64.5474, 0.3297, 0.3009

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.1813, 0.3185, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5474, 0.3297, 0.3009 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(244, 197, 224)` looks like.

```
.text, #text, p{  
    color:rgb(244, 197, 224)  
}
```

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(244, 197, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 197, 224) }
```

Border

The CSS property to change the border of an element to Yxy 64.5474, 0.3297, 0.3009 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(244, 197, 224) }
```

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

```
.border{ border-color:rgb(244, 197, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 197, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 197, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 197, 224);  
box-shadow:4px 4px 4px 4px rgb(244, 197,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5474, 0.3297, 0.3009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 197, 224) }
```

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

```
.background{ background-color: rgb(244,  
197, 224) }
```

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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