

Converting Colors

Yxy(64.5846, 0.3201, 0.2959)

Have a look what the booklet for
Yxy(64.5846, 0.3201, 0.2959)
contains.

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Color

Yxy(64.7372, 0.3204, 0.2965)

Conversions

Conversions Part 1

Format	Color
Hex	EEC7E6
RGB	238, 199, 230
RGB Percent	93%, 78%, 90%
CMY	0.0668, 0.2195, 0.0982
CMYK	0.00, 0.16, 0.03, 0.07
HSL	312°, 53%, 86%
HSV	312°, 16%, 93%
XYZ	69.9555, 64.7372, 83.6453
YIQ	214.1950, 13.2930, 17.9090

Conversions

Conversions Part 2

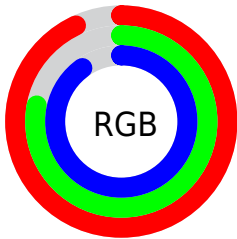
Format	Color
R _Y B	238, 199, 230
Decimal	15648742
CIE Lab	84.35, 18.90, -10.16
CIE LCh	84, 21.459, 331.749
Yxy	64.7372, 0.3204, 0.2965
Android (android.graphics.Color)	4293838822 (0xFFEEC7E6)
YUV	214.1950, 7.7919, 20.8770
Hunter-Lab	80.4594, 14.3929, -5.3160

Details

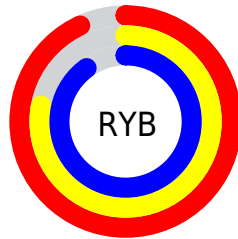
The Yxy color **64.7372, 0.3204, 0.2965** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.7852, 0.3059, 0.3638**, and the grayscale version is **67.3224, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.2519, 0.3227, 0.2896** is the 20% darker color. If you saturate the color by 10%, you get **54.3596, 0.3261, 0.2760**, and if you desaturate by 10%, it is **76.8405, 0.3155, 0.3166**.

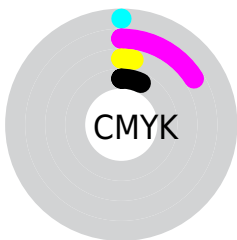
Distribution



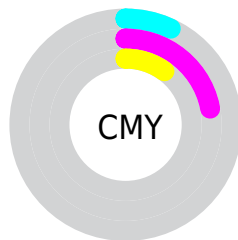
- Red (93%)
- Green (78%)
- Blue (90%)



- Red (93%)
- Yellow (78%)
- Blue (90%)



- Cyan (0%)
- Magenta (16%)
- Yellow (3%)
- Black (7%)



- Cyan (7%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.7372, 0.3204, 0.2965 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 64.7372, 0.3204, 0.2965 by changing the saturation by 10% instead.


 64.7372, 0.3204,
0.2965

 64.7372, 0.3204,
0.2965


441.8470, 0.3170,
0.3115

 47.2480, 0.3212,
0.2931


111.6719, 0.3192,
0.3017

 33.2318, 0.3221,
0.2889


141.8863, 0.3188,
0.3037

 22.3041, 0.3232,
0.2837


177.1112, 0.3184,
0.3054

 14.0805, 0.3247,
0.2768

217.7309, 0.3180,
0.3069

 8.1767, 0.3266,
0.2675

264.1300, 0.3177,
0.3083

 4.2082, 0.3292,
0.2542

316.6928, 0.3174,

 1.7907, 0.3330,

0.3095

0.2337

375.8036, 0.3172,
0.3105

0.4814, 0.3460,
0.1808

0.0000, 0.0000,
0.0000

64.7372, 0.3204,
0.2965

64.7372, 0.3204,
0.2965

54.3596, 0.3261,
0.2760

76.8405, 0.3155,
0.3166

45.6199, 0.3324,
0.2556

90.7354, 0.3113,
0.3359

38.4353, 0.3395,
0.2363

96.2634, 0.3081,
0.3392

32.7121, 0.3472,
0.2190

96.5657, 0.3054,
0.3344

■ 28.3470, 0.3552,
0.2047

■ 96.8758, 0.3026,
0.3295

■ 25.2227, 0.3634,
0.1943

■ 96.9127, 0.3023,
0.3290

■ 23.2022, 0.3715,
0.1886

■ 22.1142, 0.3792,
0.1875

■ 21.8490, 0.3820,
0.1878

Harmonies

Analogous

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



64.7372, 0.2936, 0.2859



64.7372, 0.3204, 0.2965



64.7372, 0.3461, 0.3149

Triad

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



64.7372, 0.3204, 0.2965



64.7372, 0.3533, 0.3734



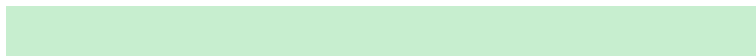
64.7372, 0.2650, 0.3173

Complementary

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



64.7372, 0.3204, 0.2965



77.7852, 0.3059, 0.3638

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.



64.7372, 0.2797, 0.3428



64.7372, 0.3204, 0.2965



64.7372, 0.3304, 0.3763

Square

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



64.7372, 0.3204, 0.2965



64.7372, 0.3654, 0.3586



64.7372, 0.3034, 0.3651



64.7372, 0.2625, 0.2966

Rectangle

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



64.7372, 0.3204, 0.2965



64.7372, 0.3587, 0.3297



64.7372, 0.3034, 0.3651



64.7372, 0.2687, 0.3256

Sweetspot

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



64.7400, 0.3204, 0.2965



91.9655, 0.3149, 0.3193



60.2658, 0.2916, 0.2855



19.4519, 0.3152, 0.3179



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.



64.7400, 0.3204, 0.2965



71.0087, 0.3224, 0.2889



63.7172, 0.3348, 0.3165



15.9725, 0.3169, 0.3104



12.2118, 0.3809, 0.1872



1.0298, 0.3714, 0.1820

Inverse Universe

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



64.7400, 0.3204, 0.2965



71.0087, 0.3224, 0.2889



78.7857, 0.2946, 0.3419



15.9725, 0.3169, 0.3104



12.2118, 0.3809, 0.1872



1.0298, 0.3714, 0.1820

Previews

White Background



This preview shows how the Yxy color 64.7372, 0.3204, 0.2965 looks on a white background.

Color Contrast Check

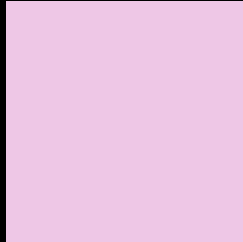
Large Text (above 18pt) WCAG AA × Fail

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 64.7372, 0.3204, 0.2965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

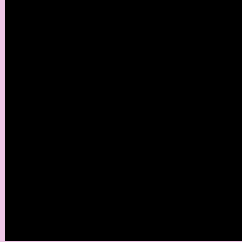
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.7372, 0.3204, 0.2965

Background



This preview shows how black text looks on a background with the Yxy color 64.7372, 0.3204, 0.2965.



This preview shows how white text looks on a background with the Yxy color 64.7372, 0.3204, 0.2965.

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

64.7372, 0.3204, 0.2965

Protanopia

64.9225, 0.2933, 0.2990

Deuteranopia

65.0078, 0.3095, 0.3029



Tritanopia

64.6159, 0.3283, 0.3119

Trichromacy



Original Color

64.7372, 0.3204, 0.2965

Protanomaly

64.5086, 0.3024, 0.2974

Deuteranomaly

64.8630, 0.3133, 0.3011

Tritanomaly

64.5870, 0.3254, 0.3057

Monochromacy



Original Color

64.7372, 0.3204, 0.2965

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.4562, 0.3155, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7372, 0.3204, 0.2965 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(238, 199, 230)` looks like.

```
.text, #text, p{  
    color:rgb(238, 199, 230)  
}
```

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(238, 199, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 199, 230) }
```

Border

The CSS property to change the border of an element to Yxy 64.7372, 0.3204, 0.2965 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(238, 199, 230) }
```

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

```
.border{ border-color:rgb(238, 199, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 199, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 199, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 199, 230);  
box-shadow:4px 4px 4px 4px rgb(238, 199,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7372, 0.3204, 0.2965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 199, 230) }
```

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

```
.background{ background-color: rgb(238,  
199, 230) }
```

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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