

Converting Colors

Yxy(65.4691, 0.3098, 0.2886)

Have a look what the booklet for
Yxy(65.4691, 0.3098, 0.2886)
contains.

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Color

Yxy(65.3882, 0.3094, 0.2881)

Conversions

Conversions Part 1

Format	Color
Hex	E9C9F0
RGB	233, 201, 240
RGB Percent	91%, 79%, 94%
CMY	0.0862, 0.2118, 0.0588
CMYK	0.03, 0.16, 0.00, 0.06
HSL	289°, 57%, 86%
HSV	289°, 16%, 94%
XYZ	70.2225, 65.3882, 91.3528
YIQ	215.0140, 6.5530, 18.9130

Conversions

Conversions Part 2

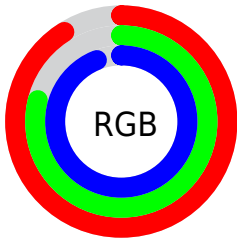
Format	Color
R_{YB}	233, 201, 240
Decimal	15321584
CIE _{Lab}	84.68, 18.03, -15.04
CIE _{LCh}	85, 23.481, 320.167
Yxy	65.3882, 0.3094, 0.2881
Android (android.graphics.Color)	4293511664 (0xFFE9C9F0)
YUV	215.0140, 12.3181, 15.7737
Hunter-Lab	80.8630, 13.5017, -10.3773

Details

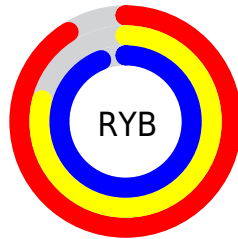
The Yxy color **65.3882, 0.3094, 0.2881** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.9402, 0.3153, 0.3722**, and the grayscale version is **67.8795, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.6752, 0.3081, 0.2788** is the 20% darker color. If you saturate the color by 10%, you get **54.3484, 0.3067, 0.2618**, and if you desaturate by 10%, it is **78.1993, 0.3116, 0.3137**.

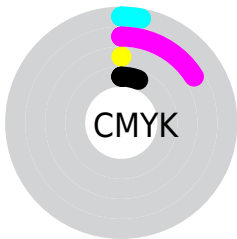
Distribution



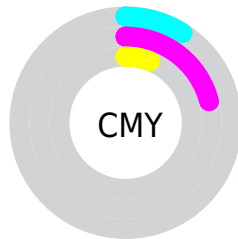
- Red (91%)
- Green (79%)
- Blue (94%)



- Red (91%)
- Yellow (79%)
- Blue (94%)



- Cyan (3%)
- Magenta (16%)
- Yellow (0%)
- Black (6%)





- Cyan (9%)
- Magenta (21%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.3882, 0.3094, 0.2881 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 65.3882, 0.3094, 0.2881 by changing the saturation by 10% instead.

 65.3882, 0.3094,
0.2881

 65.3882, 0.3094,
0.2881

444.1857, 0.3112,
0.3068

 47.7759, 0.3089,
0.2839


112.6078, 0.3101,
0.2945

 33.6495, 0.3083,
0.2787


142.9839, 0.3103,
0.2970

 22.6244, 0.3075,
0.2722


178.3834, 0.3105,
0.2992

 14.3164, 0.3063,
0.2638

219.1907, 0.3107,
0.3011

 8.3411, 0.3046,
0.2526

265.7902, 0.3109,
0.3028

 4.3140, 0.3017,
0.2367


318.5662, 0.3110,

 1.8507, 0.2967,

0.3043

0.2127

377.9033, 0.3111,
0.3056


 0.5185, 0.2900,
0.1606


 0.0000, 0.0000,
0.0000


 65.3882, 0.3094,
0.2881


 65.3882, 0.3094,
0.2881


 54.3484, 0.3067,
0.2618


 78.1993, 0.3116,
0.3137


 44.9903, 0.3036,
0.2355

 92.8489, 0.3133,
0.3379

 37.2294, 0.2999,
0.2101

 97.3853, 0.3157,
0.3437

 30.9702, 0.2958,
0.1867

 98.1702, 0.3184,
0.3436

■ 26.1071, 0.2913,
0.1664

■ 98.9732, 0.3211,
0.3435

■ 22.5206, 0.2866,
0.1501

■ 99.0709, 0.3214,
0.3434

■ 20.0709, 0.2818,
0.1383

■ 18.5842, 0.2770,
0.1310

■ 18.1700, 0.2753,
0.1290

Harmonies

Analogous

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



65.3882, 0.2820, 0.2807



65.3882, 0.3094, 0.2881



65.3882, 0.3390, 0.3052

Triad

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



65.3882, 0.3094, 0.2881



65.3882, 0.3638, 0.3723



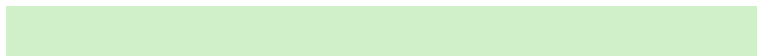
65.3882, 0.2655, 0.3267

Complementary

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



65.3882, 0.3094, 0.2881



79.9402, 0.3153, 0.3722

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.



65.3882, 0.2858, 0.3544



65.3882, 0.3094, 0.2881



65.3882, 0.3425, 0.3813

Square

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



65.3882, 0.3094, 0.2881



65.3882, 0.3712, 0.3526



65.3882, 0.3138, 0.3750



65.3882, 0.2576, 0.3012

Rectangle

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



65.3882, 0.3094, 0.2881



65.3882, 0.3556, 0.3202



65.3882, 0.3138, 0.3750



65.3882, 0.2711, 0.3361

Sweetspot

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



65.3910, 0.3094, 0.2881



91.7032, 0.3118, 0.3167



63.8928, 0.2866, 0.2934



19.3879, 0.3117, 0.3150



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.



65.3910, 0.3094, 0.2881



71.2811, 0.3087, 0.2808



65.8793, 0.3235, 0.3011



15.8801, 0.3109, 0.3055



10.0001, 0.2760, 0.1294



0.8689, 0.2823, 0.1329

Inverse Universe

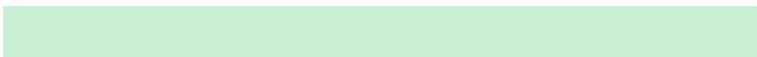
The Inverse Universe completely reimagines the original color for something new.



64.8503, 0.3382, 0.3216



70.5853, 0.3437, 0.3203



79.5562, 0.3034, 0.3586



15.8050, 0.3265, 0.3248



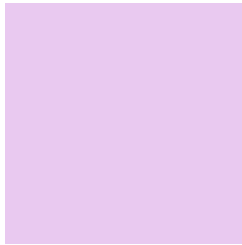
10.2499, 0.6127, 0.3149



0.8656, 0.5786, 0.2961

Previews

White Background



This preview shows how the Yxy color 65.3882, 0.3094, 0.2881 looks on a white background.

Color Contrast Check

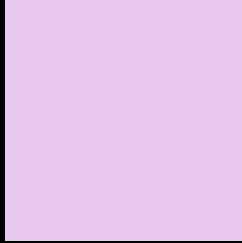
Large Text (above 18pt) WCAG AA × Fail

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 65.3882, 0.3094, 0.2881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

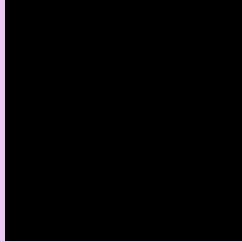
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.3882, 0.3094, 0.2881

Background



This preview shows how black text looks on a background with the Yxy color 65.3882, 0.3094, 0.2881.



This preview shows how white text looks on a background with the Yxy color 65.3882, 0.3094, 0.2881.

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

65.3882, 0.3094, 0.2881

Protanopia

65.7261, 0.2857, 0.2895

Deuteranopia

65.4347, 0.2998, 0.2933



Tritanopia

65.1760, 0.3212, 0.3117

Trichromacy



Original Color

65.3882, 0.3094, 0.2881

Protanomaly

65.6044, 0.2937, 0.2890

Deuteranomaly

65.2650, 0.3034, 0.2915

Tritanomaly

65.2468, 0.3170, 0.3033

Monochromacy



Original Color

65.3882, 0.3094, 0.2881

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.0046, 0.3120, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3882, 0.3094, 0.2881 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(233, 201, 240)` looks like.

```
.text, #text, p{  
    color:rgb(233, 201, 240)  
}
```

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(233, 201, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 201, 240) }
```

Border

The CSS property to change the border of an element to Yxy 65.3882, 0.3094, 0.2881 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(233, 201, 240) }
```

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

```
.border{ border-color:rgb(233, 201, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 201, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 201, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 201, 240);  
box-shadow:4px 4px 4px 4px rgb(233, 201,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3882, 0.3094, 0.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 201, 240) }
```

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

```
.background{ background-color: rgb(233,  
201, 240) }
```

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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