

Converting Colors

Yxy(64.1769, 0.3123, 0.3060)

Have a look what the booklet for
Yxy(64.1769, 0.3123, 0.3060)
contains.

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Color

Yxy(64.3099, 0.3123, 0.3061)

Conversions

Conversions Part 1

Format	Color
Hex	DFCCE1
RGB	223, 204, 225
RGB Percent	87%, 80%, 88%
CMY	0.1255, 0.2000, 0.1177
CMYK	0.01, 0.09, 0.00, 0.12
HSL	294°, 26%, 84%
HSV	294°, 9%, 88%
XYZ	65.6125, 64.3099, 80.1720
YIQ	212.0750, 4.5830, 10.5590

Conversions

Conversions Part 2

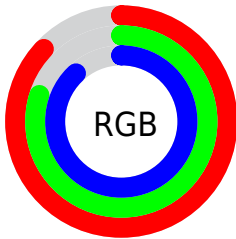
Format	Color
R_{YB}	223, 204, 225
Decimal	14666977
CIE _{Lab}	84.13, 10.31, -7.97
CIE _{LCh}	84, 13.033, 322.314
Yxy	64.3099, 0.3123, 0.3061
Android (android.graphics.Color)	4292857057 (0xFFDFCCE1)
YUV	212.0750, 6.3720, 9.5812
Hunter-Lab	80.1935, 5.7062, -3.1387

Details

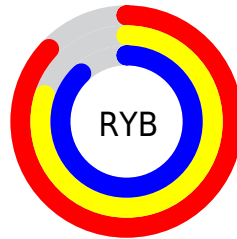
The Yxy color **64.3099, 0.3123, 0.3061** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.3176, 0.3130, 0.3528**, and the grayscale version is **65.8463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.0398, 0.3121, 0.3005** is the 20% darker color. If you saturate the color by 10%, you get **54.0443, 0.3116, 0.2807**, and if you desaturate by 10%, it is **76.1300, 0.3127, 0.3306**.

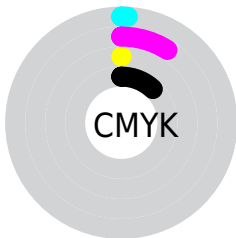
Distribution



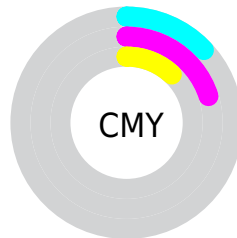
- Red (87%)
- Green (80%)
- Blue (88%)



- Red (87%)
- Yellow (80%)
- Blue (88%)



- Cyan (1%)
- Magenta (9%)
- Yellow (0%)
- Black (12%)



- Cyan (13%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.3099, 0.3123, 0.3061 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 64.3099, 0.3123, 0.3061 by changing the saturation by 10% instead.

64.3099, 0.3123,
0.3061

64.3099, 0.3123,
0.3061

440.3079, 0.3126,
0.3168

46.9017, 0.3122,
0.3037

111.0571, 0.3124,
0.3098

32.9580, 0.3121,
0.3006

141.1650, 0.3125,
0.3112

22.0942, 0.3119,
0.2968

176.2748, 0.3125,
0.3125

13.9262, 0.3117,
0.2917

216.7710, 0.3125,
0.3136

8.0693, 0.3113,
0.2848

263.0381, 0.3125,
0.3145

4.1393, 0.3106,
0.2747

315.4603, 0.3126,

1.7518, 0.3092,

0.3153

0.2587

374.4221, 0.3126,
0.3161

0.4569, 0.3118,
0.2076

0.0000, 0.0000,
0.0000

64.3099, 0.3123,
0.3061

64.3099, 0.3123,
0.3061

54.0443, 0.3116,
0.2807

76.1300, 0.3127,
0.3306

45.2590, 0.3107,
0.2551

89.5582, 0.3130,
0.3538

37.8860, 0.3095,
0.2300

93.6722, 0.3140,
0.3597

31.8489, 0.3080,
0.2065

94.0236, 0.3153,
0.3596

27.0639, 0.3062,
0.1856

94.3794, 0.3167,
0.3594

23.4379, 0.3042,
0.1682

94.7393, 0.3180,
0.3593

20.8646, 0.3019,
0.1550

95.1036, 0.3193,
0.3592

19.2184, 0.2996,
0.1462

95.4723, 0.3207,
0.3591

18.2959, 0.2972,
0.1413

95.8452, 0.3220,
0.3589

Harmonies

Analogous

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



64.3099, 0.2965, 0.3015



64.3099, 0.3123, 0.3061



64.3099, 0.3285, 0.3164

Triad

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



64.3099, 0.3123, 0.3061



64.3099, 0.3406, 0.3541



64.3099, 0.2855, 0.3270

Complementary

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



64.3099, 0.3123, 0.3061



71.3176, 0.3130, 0.3528

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.



64.3099, 0.2968, 0.3420



64.3099, 0.3123, 0.3061



64.3099, 0.3286, 0.3579

Square

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



64.3099, 0.3123, 0.3061



64.3099, 0.3451, 0.3437



64.3099, 0.3125, 0.3535



64.3099, 0.2813, 0.3130

Rectangle

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



64.3099, 0.3123, 0.3061



64.3099, 0.3374, 0.3253



64.3099, 0.3125, 0.3535



64.3099, 0.2885, 0.3321

Sweetspot

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



64.3127, 0.3123, 0.3061



95.0794, 0.3126, 0.3217



62.4664, 0.2983, 0.3075



20.0764, 0.3126, 0.3197



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.



64.3127, 0.3123, 0.3061



82.8932, 0.3122, 0.3017



64.1816, 0.3198, 0.3152



13.8666, 0.3123, 0.3058



10.5422, 0.2974, 0.1412



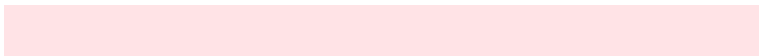
0.7501, 0.3013, 0.1433

Inverse Universe

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



63.6486, 0.3275, 0.3269



81.8611, 0.3307, 0.3264



71.4502, 0.3062, 0.3432



13.7214, 0.3277, 0.3268



9.2634, 0.6289, 0.3238



0.6494, 0.6013, 0.3086

Previews

White Background



This preview shows how the Yxy color 64.3099, 0.3123, 0.3061 looks on a white background.

Color Contrast Check

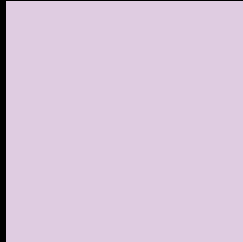
Large Text (above 18pt) WCAG AA × Fail

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 64.3099, 0.3123, 0.3061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

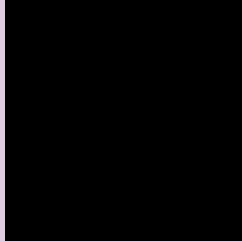
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

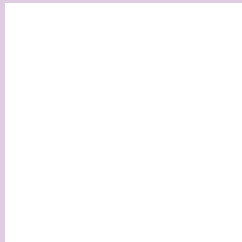
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.3099, 0.3123, 0.3061

Background



This preview shows how black text looks on a background with the Yxy color 64.3099, 0.3123, 0.3061.



This preview shows how white text looks on a background with the Yxy color 64.3099, 0.3123, 0.3061.

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

64.3099, 0.3123, 0.3061

Protanopia

64.6123, 0.2991, 0.3077

Deuteranopia

64.3099, 0.3123, 0.3061



Tritanopia

64.4127, 0.3143, 0.3114

Trichromacy



Original Color

64.3099, 0.3123, 0.3061

Protanomaly

64.3178, 0.3034, 0.3068

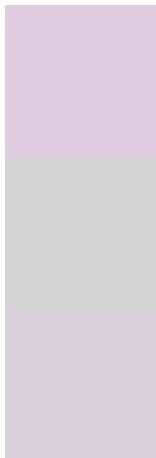
Deuteranomaly

64.3099, 0.3123, 0.3061

Tritanomaly

64.4662, 0.3136, 0.3103

Monochromacy



Original Color

64.3099, 0.3123, 0.3061

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.2096, 0.3124, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3099, 0.3123, 0.3061 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(223, 204, 225)` looks like.

```
.text, #text, p{  
    color:rgb(223, 204, 225)  
}
```

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(223, 204, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 204, 225) }
```

Border

The CSS property to change the border of an element to Yxy 64.3099, 0.3123, 0.3061 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(223, 204, 225) }
```

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

```
.border{ border-color:rgb(223, 204, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 204, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 204, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 204, 225);  
box-shadow:4px 4px 4px 4px rgb(223, 204,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3099, 0.3123, 0.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 204, 225) }
```

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

```
.background{ background-color: rgb(223,  
204, 225) }
```

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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