

Converting Colors

$Yxy(63.9150, 0.3098, 0.3077)$

Have a look what the booklet for
Yxy(63.9150, 0.3098, 0.3077)
contains.

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Color

Yxy(64.1045, 0.3099, 0.3080)

Conversions

Conversions Part 1

Format	Color
Hex	DBCDE0
RGB	219, 205, 224
RGB Percent	86%, 80%, 88%
CMY	0.1412, 0.1961, 0.1214
CMYK	0.02, 0.08, 0.00, 0.12
HSL	284°, 24%, 84%
HSV	284°, 8%, 88%
XYZ	64.4999, 64.1045, 79.5270
YIQ	211.3520, 2.2450, 8.8770

Conversions

Conversions Part 2

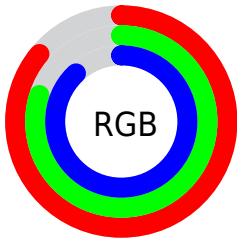
Format	Color
R _{YB}	219, 205, 224
Decimal	14405088
CIE _{Lab}	84.02, 8.26, -7.67
CIE _{LCh}	84, 11.271, 317.144
Yxy	64.1045, 0.3099, 0.3080
Android (android.graphics.Color)	4292595168 (0xFFDBCDE0)
YUV	211.3520, 6.2355, 6.7073
Hunter-Lab	80.0653, 3.6839, -2.8457

Details

The Yxy color $64.1045, 0.3099, 0.3080$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71.4563, 0.3153, 0.3504$, and the grayscale version is $65.3446, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.8903, 0.3090, 0.3030$ is the 20% darker color. If you saturate the color by 10%, you get $53.2368, 0.3060, 0.2820$, and if you desaturate by 10%, it is $76.5456, 0.3132, 0.3326$.

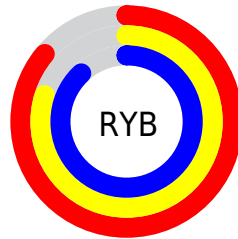
Distribution



Red (86%)

Green (80%)

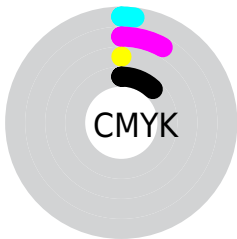
Blue (88%)



Red (86%)

Yellow (80%)

Blue (88%)

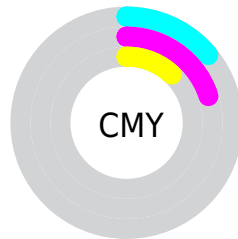


Cyan (2%)

Magenta (8%)

Yellow (0%)

Black (12%)



Cyan (14%)

Magenta (20%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.1045, 0.3099, 0.3080 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 64.1045, 0.3099, 0.3080 by changing the saturation by 10% instead.

■ 64.1045, 0.3099,
0.3080

■ 64.1045, 0.3099,
0.3080

439.5669, 0.3113,
0.3178

■ 46.7353, 0.3096,
0.3057

110.7614, 0.3104,
0.3114

■ 32.8265, 0.3091,
0.3029

140.8179, 0.3106,
0.3127

■ 21.9935, 0.3086,
0.2994

175.8724, 0.3108,
0.3139

■ 13.8522, 0.3078,
0.2947

216.3091, 0.3109,
0.3149

■ 8.0179, 0.3066,
0.2882

262.5125, 0.3110,
0.3157

■ 4.1064, 0.3049,
0.2788

314.8670, 0.3111,

■ 1.7333, 0.3018,

0.3165

0.2637

373.7570, 0.3112,
0.3172

0.4451, 0.2987,
0.2128

0.0000, 0.0000,
0.0000

64.1045, 0.3099,
0.3080

64.1045, 0.3099,
0.3080

53.2368, 0.3060,
0.2820

76.5456, 0.3132,
0.3326

43.8690, 0.3013,
0.2551

90.6131, 0.3158,
0.3554

35.9340, 0.2959,
0.2280

94.8845, 0.3193,
0.3602

29.3562, 0.2898,
0.2017

95.9265, 0.3231,
0.3598

■ 24.0531, 0.2832,
0.1773

■ 97.0029, 0.3269,
0.3595

■ 19.9330, 0.2761,
0.1560

■ 98.1140, 0.3308,
0.3591

■ 16.8916, 0.2688,
0.1388

■ 98.1643, 0.3309,
0.3591

■ 14.8061, 0.2616,
0.1262

■ 13.4948, 0.2547,
0.1182

Harmonies

Analogous

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



64.1045, 0.2967, 0.3050



64.1045, 0.3099, 0.3080



64.1045, 0.3242, 0.3163

Triad

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



64.1045, 0.3099, 0.3080



64.1045, 0.3381, 0.3495



64.1045, 0.2904, 0.3296

Complementary

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



64.1045, 0.3099, 0.3080



71.4563, 0.3153, 0.3504

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.



64.1045, 0.3011, 0.3423



64.1045, 0.3099, 0.3080



64.1045, 0.3286, 0.3539

Square

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



64.1045, 0.3099, 0.3080



64.1045, 0.3406, 0.3399



64.1045, 0.3150, 0.3513



64.1045, 0.2856, 0.3171

Rectangle

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



64.1045, 0.3099, 0.3080



64.1045, 0.3323, 0.3237



64.1045, 0.3150, 0.3513



64.1045, 0.2934, 0.3340

Sweetspot

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



64.1073, 0.3099, 0.3080



94.8320, 0.3118, 0.3217



64.4988, 0.2996, 0.3132



20.0094, 0.3115, 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.



64.1073, 0.3099, 0.3080



83.5321, 0.3093, 0.3040



64.6666, 0.3168, 0.3130



13.7427, 0.3096, 0.3056



7.8119, 0.2547, 0.1177



0.5844, 0.2653, 0.1235

Inverse Universe

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



64.1769, 0.3237, 0.3234



83.6483, 0.3259, 0.3224



70.9420, 0.3088, 0.3455



13.7601, 0.3250, 0.3228



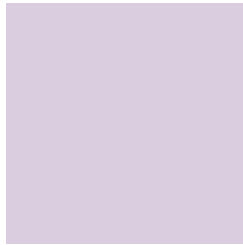
9.4279, 0.5870, 0.3008



0.6681, 0.5429, 0.2764

Previews

White Background



This preview shows how the Yxy color 64.1045, 0.3099, 0.3080 looks on a white background.

Color Contrast Check

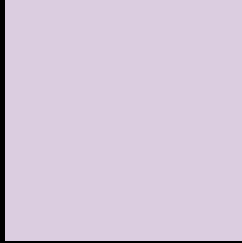
Large Text (above 18pt) WCAG AA × Fail

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 64.1045, 0.3099, 0.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

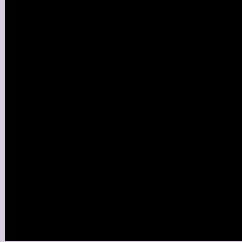
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

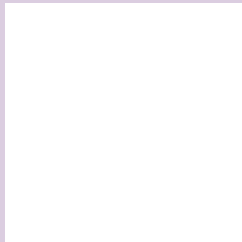
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.1045, 0.3099, 0.3080

Background



This preview shows how black text looks on a background with the Yxy color 64.1045, 0.3099, 0.3080.

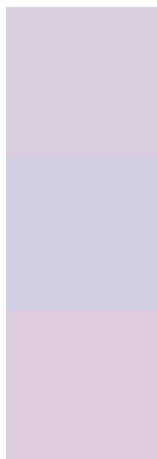


This preview shows how white text looks on a background with the Yxy color 64.1045, 0.3099, 0.3080.

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

64.1045, 0.3099, 0.3080

Protanopia

64.0126, 0.3005, 0.3087

Deuteranopia

64.2555, 0.3130, 0.3071



Tritanopia

63.9966, 0.3113, 0.3102

Trichromacy



Original Color

64.1045, 0.3099, 0.3080

Protanomaly

64.0589, 0.3040, 0.3089

Deuteranomaly

64.0971, 0.3122, 0.3071

Tritanomaly

64.0504, 0.3106, 0.3091

Monochromacy



Original Color

64.1045, 0.3099, 0.3080

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.8549, 0.3116, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1045, 0.3099, 0.3080 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(219, 205, 224)` looks like.

```
.text, #text, p{  
    color:rgb(219, 205, 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(219, 205, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 205, 224) }
```

Border

The CSS property to change the border of an element to Yxy 64.1045, 0.3099, 0.3080 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(219, 205, 224) }
```

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

```
.border{ border-color:rgb(219, 205, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 205, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 205, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 205, 224);  
box-shadow:4px 4px 4px 4px rgb(219, 205,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1045, 0.3099, 0.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 205, 224) }
```

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

```
.background{ background-color: rgb(219,  
205, 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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