

Converting Colors

$Y_{xy}(40.5139, 0.3064, 0.2653)$

Have a look what the booklet for
Yxy(40.5139, 0.3064, 0.2653)
contains.

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Color

Yxy(40.3861, 0.3057, 0.2644)

Conversions

Conversions Part 1

Format	Color
Hex	C69CD1
RGB	198, 156, 209
RGB Percent	78%, 61%, 82%
CMY	0.2234, 0.3883, 0.1803
CMYK	0.05, 0.25, 0.00, 0.18
HSL	288°, 37%, 72%
HSV	288°, 25%, 82%
XYZ	46.6945, 40.3861, 65.6656
YIQ	174.6000, 8.0190, 25.3870

Conversions

Conversions Part 2

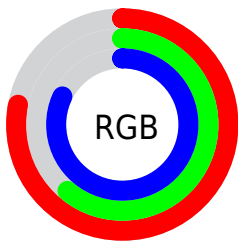
Format	Color
RYB	198, 156, 209
Decimal	13016273
CIELab	69.74, 24.94, -21.14
CIELCh	70, 32.698, 319.718
Yxy	40.3861, 0.3057, 0.2644
Android (android.graphics.Color)	4291206353 (0xFFC69CD1)
YUV	174.6000, 16.9592, 20.5218
Hunter-Lab	63.5501, 19.9434, -16.7787

Details

The Yxy color **40.3861, 0.3057, 0.2644** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.2202, 0.3175, 0.3990**, and the grayscale version is **42.5625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0685, 0.3147, 0.2861**, and **18.1630, 0.3038, 0.2476** is the 20% darker color. If you saturate the color by 10%, you get **33.3873, 0.3019, 0.2380**, and if you desaturate by 10%, it is **48.6121, 0.3089, 0.2906**.

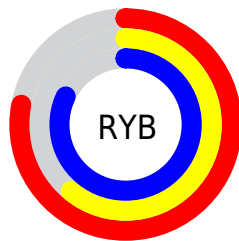
Distribution



Red (78%)

Green (61%)

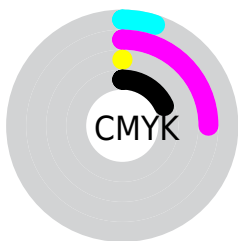
Blue (82%)



Red (78%)

Yellow (61%)

Blue (82%)

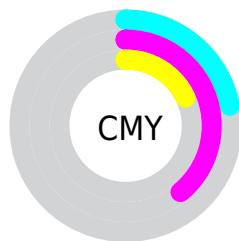


Cyan (5%)

Magenta (25%)

Yellow (0%)

Black (18%)



Cyan (22%)


Magenta (39%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.3861, 0.3057, 0.2644 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 40.3861, 0.3057, 0.2644 by changing the saturation by 10% instead.


 40.3861, 0.3057,
0.2644


 40.3861, 0.3057,
0.2644


347.7482, 0.3099,
0.2958

 27.8397, 0.3045,
0.2569


 75.7511, 0.3074,
0.2756

 18.2049, 0.3028,
0.2473


 99.3385, 0.3079,
0.2799

 11.0972, 0.3004,
0.2350


127.3750, 0.3084,
0.2835

 6.1322, 0.2967,
0.2184

160.2450, 0.3088,
0.2866

 2.9257, 0.2907,
0.1950

198.3330, 0.3091,
0.2894

 1.0930, 0.2794,
0.1600

242.0232, 0.3094,

 0.0000, 0.2753,

0.2918

0.0000

291.7002, 0.3097,
0.2939

0.0000, 0.0000,
0.0000

40.3861, 0.3057,
0.2644

40.3861, 0.3057,
0.2644

33.3873, 0.3019,
0.2380

48.6121, 0.3089,
0.2906

27.5485, 0.2976,
0.2123

58.1177, 0.3115,
0.3159

22.8041, 0.2928,
0.1882

68.9583, 0.3136,
0.3399

19.0797, 0.2876,
0.1671

81.1847, 0.3153,
0.3622

16.2913, 0.2821,
0.1497

91.2888, 0.3170,
0.3774

■ 14.3418, 0.2766,
0.1367

■ 91.9714, 0.3198,
0.3770

■ 13.1119, 0.2711,
0.1283

■ 92.6716, 0.3225,
0.3766

■ 12.6841, 0.2686,
0.1253

■ 93.3895, 0.3253,
0.3762

■ 94.1252, 0.3281,
0.3758

Harmonies

Analogous

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



40.3861, 0.2623, 0.2526



40.3861, 0.3057, 0.2644



40.3861, 0.3545, 0.2904

Triad

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



40.3861, 0.3057, 0.2644



40.3861, 0.3957, 0.3972



40.3861, 0.2375, 0.3243

Complementary

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



40.3861, 0.3057, 0.2644



56.2202, 0.3175, 0.3990

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.



40.3861, 0.2690, 0.3720



40.3861, 0.3057, 0.2644



40.3861, 0.3604, 0.4152

Square

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



40.3861, 0.3057, 0.2644



40.3861, 0.4086, 0.3638



40.3861, 0.3138, 0.4072



40.3861, 0.2253, 0.2829

Rectangle

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



40.3861, 0.3057, 0.2644



40.3861, 0.3826, 0.3132



40.3861, 0.3138, 0.4072



40.3861, 0.2460, 0.3403

Sweetspot

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



40.3878, 0.3057, 0.2644



86.8757, 0.3108, 0.3092



39.4833, 0.2708, 0.2732



18.0994, 0.3105, 0.3053



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.



40.3878, 0.3057, 0.2644



57.6394, 0.3039, 0.2512



41.2249, 0.3291, 0.2831



11.8804, 0.3105, 0.3059



7.8625, 0.2694, 0.1257



0.4715, 0.2793, 0.1312

Inverse Universe

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



40.1189, 0.3551, 0.3154



57.2103, 0.3663, 0.3126



55.6161, 0.2995, 0.3798



11.8477, 0.3258, 0.3242



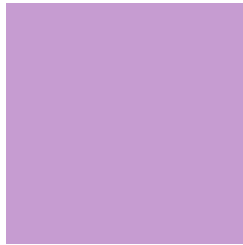
8.4782, 0.6041, 0.3102



0.4858, 0.5524, 0.2817

Previews

White Background



This preview shows how the Yxy color 40.3861, 0.3057, 0.2644 looks on a white background.

Color Contrast Check

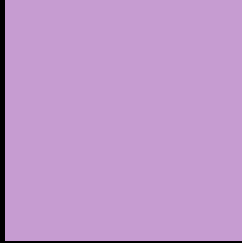
Large Text (above 18pt) WCAG AA × Fail

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 40.3861, 0.3057, 0.2644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

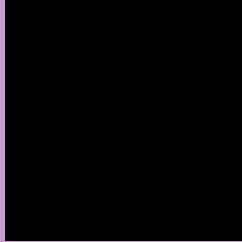
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.3861, 0.3057, 0.2644

Background



This preview shows how black text looks on a background with the Yxy color 40.3861, 0.3057, 0.2644.



This preview shows how white text looks on a background with the Yxy color 40.3861, 0.3057, 0.2644.

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

40.3861, 0.3057, 0.2644

Protanopia

40.7070, 0.2664, 0.2649

Deuteranopia

40.5774, 0.2825, 0.2766



Tritanopia

40.2733, 0.3306, 0.3122

Trichromacy



Original Color

40.3861, 0.3057, 0.2644

Protanomaly

40.3415, 0.2797, 0.2638

Deuteranomaly

40.4518, 0.2907, 0.2716

Tritanomaly

40.3316, 0.3218, 0.2947

Monochromacy



Original Color

40.3861, 0.3057, 0.2644

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.6604, 0.3103, 0.3041

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3861, 0.3057, 0.2644 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(198, 156, 209)` looks like.

```
.text, #text, p{  
    color:rgb(198, 156, 209)  
}
```

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(198, 156, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 156, 209) }
```

Border

The CSS property to change the border of an element to Yxy 40.3861, 0.3057, 0.2644 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(198, 156, 209) }
```

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

```
.border{ border-color:rgb(198, 156, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 156, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 156, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 156, 209);  
box-shadow:4px 4px 4px 4px rgb(198, 156,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3861, 0.3057, 0.2644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 156, 209) }
```

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

```
.background{ background-color: rgb(198,  
156, 209) }
```

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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