

Converting Colors

$Y_{xy}(42.3783, 0.3061, 0.3110)$

Have a look what the booklet for
Yxy(42.3783, 0.3061, 0.3110)
contains.

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Color

Yxy(42.3973, 0.3057, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	B1ACBA
RGB	177, 172, 186
RGB Percent	69%, 67%, 73%
CMY	0.3057, 0.3255, 0.2706
CMYK	0.05, 0.08, 0.00, 0.27
HSL	262°, 9%, 70%
HSV	262°, 8%, 73%
XYZ	41.7553, 42.3973, 52.4366
YIQ	175.0910, -1.5140, 5.4140

Conversions

Conversions Part 2

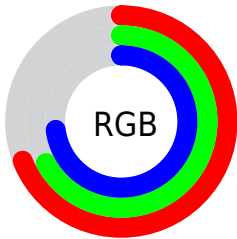
Format	Color
RYB	177, 172, 186
Decimal	11644090
CIELab	71.14, 4.48, -6.52
CIElCh	71, 7.908, 304.477
Yxy	42.3973, 0.3057, 0.3104
Android (android.graphics.Color)	4289834170 (0xFFB1ACBA)
YUV	175.0910, 5.3781, 1.6742
Hunter-Lab	65.1132, 0.5191, -2.1678

Details

The Yxy color $42.3973, 0.3057, 0.3104$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.9122, 0.3194, 0.3474$, and the grayscale version is $42.8957, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.6726, 0.3073, 0.3136$, and $19.4115, 0.3029, 0.3052$ is the 20% darker color. If you saturate the color by 10%, you get $34.4730, 0.2951, 0.2836$, and if you desaturate by 10%, it is $51.4376, 0.3148, 0.3348$.

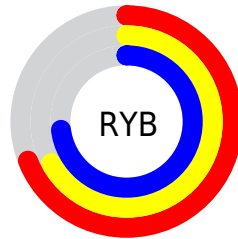
Distribution



Red (69%)

Green (67%)

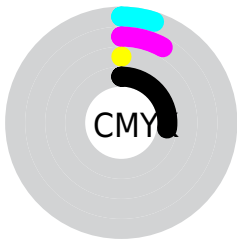
Blue (73%)



Red (69%)

Yellow (67%)

Blue (73%)

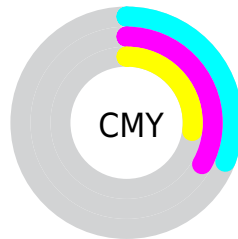


Cyan (5%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (31%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.3973, 0.3057, 0.3104 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 42.3973, 0.3057, 0.3104 by changing the saturation by 10% instead.

■ 42.3973, 0.3057,
0.3104

■ 42.3973, 0.3057,
0.3104

356.1273, 0.3093,
0.3198

■ 29.4125, 0.3048,
0.3080

■ 78.8006, 0.3070,
0.3138

■ 19.3931, 0.3036,
0.3050

102.9878, 0.3075,
0.3151

■ 11.9547, 0.3019,
0.3009

131.6781, 0.3079,
0.3162

■ 6.7128, 0.2996,
0.2952

165.2556, 0.3083,
0.3171

■ 3.2832, 0.2959,
0.2866

204.1049, 0.3086,
0.3179

■ 1.2813, 0.2896,
0.2722

248.6104, 0.3089,

■ 0.1266, 0.2418,

0.3186

0.1333

299.1564, 0.3091,
0.3192

0.0000, 0.0000,
0.0000

42.3973, 0.3057,
0.3104

42.3973, 0.3057,
0.3104

34.4730, 0.2951,
0.2836

51.4376, 0.3148,
0.3348

27.6151, 0.2829,
0.2546

61.6299, 0.3226,
0.3567

21.7787, 0.2693,
0.2240

73.0154, 0.3292,
0.3762

16.9130, 0.2543,
0.1927

85.6316, 0.3348,
0.3935

12.9631, 0.2385,
0.1620

92.9745, 0.3413,
0.3998

■ 9.8684, 0.2225,
0.1338

■ 95.0811, 0.3493,
0.3979

■ 7.5605, 0.2071,
0.1096

■ 96.3252, 0.3538,
0.3969

■ 5.9602, 0.1930,
0.0909

■ 4.9521, 0.1811,
0.0783

Harmonies

Analogous

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



42.3973, 0.2962, 0.3101



42.3973, 0.3057, 0.3104



42.3973, 0.3172, 0.3154

Triad

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



42.3973, 0.3057, 0.3104



42.3973, 0.3347, 0.3428



42.3973, 0.2979, 0.3340

Complementary

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



42.3973, 0.3057, 0.3104



47.9122, 0.3194, 0.3474

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.



42.3973, 0.3080, 0.3432



42.3973, 0.3057, 0.3104



42.3973, 0.3293, 0.3482

Square

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



42.3973, 0.3057, 0.3104



42.3973, 0.3341, 0.3339



42.3973, 0.3195, 0.3484



42.3973, 0.2918, 0.3235

Rectangle

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



42.3973, 0.3057, 0.3104



42.3973, 0.3245, 0.3208



42.3973, 0.3195, 0.3484



42.3973, 0.3009, 0.3373

Sweetspot

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



42.3991, 0.3057, 0.3104



85.6068, 0.3109, 0.3241



45.4014, 0.3013, 0.3225



18.8896, 0.3110, 0.3244



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.3991, 0.3057, 0.3104



74.3948, 0.3041, 0.3062



43.2237, 0.3117, 0.3108



8.8732, 0.3039, 0.3058



3.2318, 0.1797, 0.0764



0.1495, 0.2108, 0.0935

Inverse Universe

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



43.2735, 0.3178, 0.3174



76.3050, 0.3190, 0.3148



47.1051, 0.3136, 0.3477



9.1062, 0.3191, 0.3145



7.9305, 0.4365, 0.2178



0.2910, 0.3996, 0.1975

Previews

White Background



This preview shows how the Yxy color 42.3973, 0.3057, 0.3104 looks on a white background.

Color Contrast Check

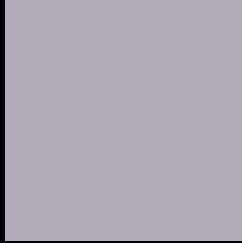
Large Text (above 18pt) WCAG AA × Fail

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 42.3973, 0.3057, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

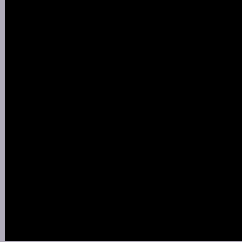
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.3973, 0.3057, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 42.3973, 0.3057, 0.3104.



This preview shows how white text looks on a background with the Yxy color 42.3973, 0.3057, 0.3104.

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

42.3973, 0.3057, 0.3104

Protanopia

42.4737, 0.3022, 0.3103

Deuteranopia

42.2781, 0.3120, 0.3056



Tritanopia

42.3973, 0.3057, 0.3104

Trichromacy



Original Color

42.3973, 0.3057, 0.3104

Protanomaly

42.5890, 0.3031, 0.3104

Deuteranomaly

42.2824, 0.3093, 0.3067

Tritanomaly

42.3973, 0.3057, 0.3104

Monochromacy



Original Color

42.3973, 0.3057, 0.3104

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.7569, 0.3104, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3973, 0.3057, 0.3104 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(177, 172, 186)` looks like.

```
.text, #text, p{  
    color:rgb(177, 172, 186)  
}
```

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(177, 172, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 172, 186) }
```

Border

The CSS property to change the border of an element to Yxy 42.3973, 0.3057, 0.3104 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(177, 172, 186) }
```

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

```
.border{ border-color:rgb(177, 172, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 172, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 172, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 172, 186);  
box-shadow:4px 4px 4px 4px rgb(177, 172,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3973, 0.3057, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 172, 186) }
```

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

```
.background{ background-color: rgb(177,  
172, 186) }
```

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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