

Converting Colors

$Y_{xy}(39.2013, 0.2931, 0.2659)$

Have a look what the booklet for
Yxy(39.2013, 0.2931, 0.2659)
contains.

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Color

Yxy(39.0751, 0.2932, 0.2655)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B79ED0 |
| RGB | 183, 158, 208 |
| RGB Percent | 72%, 62%, 82% |
| CMY | 0.2821, 0.3805, 0.1843 |
| CMYK | 0.12, 0.24, 0.00, 0.18 |
| HSL | 270°, 35%, 72% |
| HSV | 270°, 24%, 82% |
| XYZ | 43.1519, 39.0751, 64.9486 |
| YIQ | 171.1750, -1.1500, 20.8500 |

Conversions

Conversions Part 2

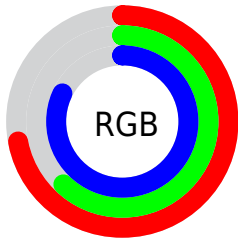
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 183, 158, 208 |
| Decimal | 12033744 |
| CIELab | 68.81, 18.75, -22.14 |
| CIElCh | 69, 29.012, 310.254 |
| Yxy | 39.0751, 0.2932, 0.2655 |
| Android (android.graphics.Color) | 4290223824 (0xFFB79ED0) |
| YUV | 171.1750, 18.1547, 10.3705 |
| Hunter-Lab | 62.5101, 13.8292, -17.8458 |

Details

The Yxy color $39.0751, 0.2932, 0.2655$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $57.6437, 0.3286, 0.3926$, and the grayscale version is $40.7285, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.1592, 0.3034, 0.2866$, and $17.3538, 0.2877, 0.2483$ is the 20% darker color. If you saturate the color by 10%, you get $31.3459, 0.2829, 0.2364$, and if you desaturate by 10%, it is $48.1023, 0.3022, 0.2933$.

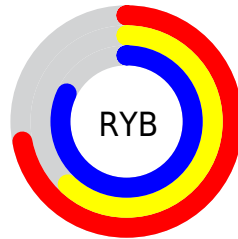
Distribution



Red (72%)

Green (62%)

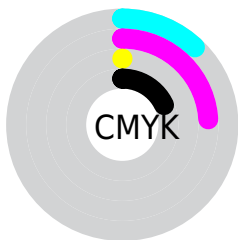
Blue (82%)



Red (72%)

Yellow (62%)

Blue (82%)

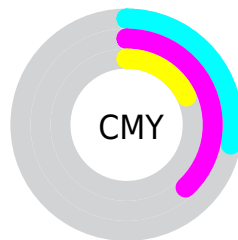


Cyan (12%)

Magenta (24%)

Yellow (0%)

Black (18%)



Cyan (28%)


Magenta (38%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0751, 0.2932, 0.2655 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 39.0751, 0.2932, 0.2655 by changing the saturation by 10% instead.


 39.0751, 0.2932,
0.2655


 39.0751, 0.2932,
0.2655


342.2097, 0.3036,
0.2967

 26.8182, 0.2904,
0.2579


 73.7530, 0.2971,
0.2767

 17.4367, 0.2867,
0.2483


 96.9428, 0.2986,
0.2810

 10.5463, 0.2817,
0.2357


124.5457, 0.2998,
0.2846

 5.7627, 0.2744,
0.2186

156.9460, 0.3008,
0.2877

 2.7013, 0.2629,
0.1943

194.5281, 0.3016,
0.2904

 0.9779, 0.2430,
0.1575

237.6765, 0.3024,


 0.0000, 0.1838,


0.2928


0.0000


286.7756, 0.3030,
0.2949

 0.0000, 0.0000,
0.0000


 39.0751, 0.2932,
0.2655


 39.0751, 0.2932,
0.2655

 31.3459, 0.2829,
0.2364

 48.1023, 0.3022,
0.2933


 24.8473, 0.2714,
0.2066


 58.4807, 0.3099,
0.3191

 19.5132, 0.2590,
0.1775

 70.2666, 0.3165,
0.3428

 15.2691, 0.2459,
0.1504

 83.5113, 0.3220,
0.3643

 12.0315, 0.2327,
0.1267

 93.7246, 0.3274,
0.3770

■ 9.7040, 0.2199,
0.1078

■ 95.5414, 0.3342,
0.3760

■ 8.1704, 0.2082,
0.0945

■ 97.3346, 0.3406,
0.3750

■ 7.5142, 0.2018,
0.0885

Harmonies

Analogous

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



39.0751, 0.2575, 0.2597



39.0751, 0.2932, 0.2655



39.0751, 0.3368, 0.2855

Triad

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



39.0751, 0.2932, 0.2655



39.0751, 0.3936, 0.3825



39.0751, 0.2522, 0.3386

Complementary

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



39.0751, 0.2932, 0.2655



57.6437, 0.3286, 0.3926

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.



39.0751, 0.2855, 0.3792



39.0751, 0.2932, 0.2655



39.0751, 0.3675, 0.4035

Square

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



39.0751, 0.2932, 0.2655



39.0751, 0.3971, 0.3502



39.0751, 0.3277, 0.4037



39.0751, 0.2351, 0.2984

Rectangle

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



39.0751, 0.2932, 0.2655



39.0751, 0.3643, 0.3048



39.0751, 0.3277, 0.4037



39.0751, 0.2618, 0.3529

Sweetspot

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



39.0767, 0.2932, 0.2655



87.4859, 0.3077, 0.3115



45.6871, 0.2748, 0.2960



18.5058, 0.3072, 0.3100



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.



39.0767, 0.2932, 0.2655



55.2122, 0.2879, 0.2502



42.4134, 0.3155, 0.2696



11.7046, 0.3059, 0.3055



4.7402, 0.2032, 0.0893



0.3122, 0.2233, 0.1004

Inverse Universe

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



41.2748, 0.3382, 0.2984



59.3863, 0.3455, 0.2913



54.8521, 0.3095, 0.3965



11.9052, 0.3214, 0.3175



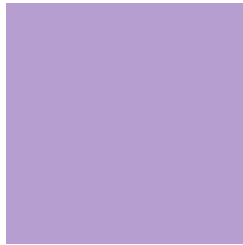
8.9968, 0.4950, 0.2501



0.5191, 0.4546, 0.2278

Previews

White Background



This preview shows how the Yxy color 39.0751, 0.2932, 0.2655 looks on a white background.

Color Contrast Check

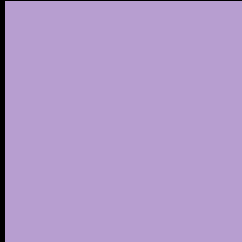
Large Text (above 18pt) WCAG AA × Fail

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 39.0751, 0.2932, 0.2655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

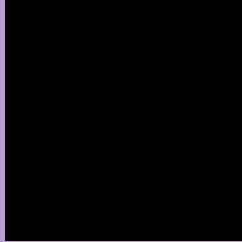
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0751, 0.2932, 0.2655

Background



This preview shows how black text looks on a background with the Yxy color 39.0751, 0.2932, 0.2655.



This preview shows how white text looks on a background with the Yxy color 39.0751, 0.2932, 0.2655.

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

39.0751, 0.2932, 0.2655

Protanopia

39.1954, 0.2672, 0.2652

Deuteranopia

39.0552, 0.2790, 0.2720



Tritanopia

39.1902, 0.3145, 0.3114

Trichromacy



Original Color

39.0751, 0.2932, 0.2655

Protanomaly

39.0548, 0.2761, 0.2649

Deuteranomaly

39.1163, 0.2847, 0.2703

Tritanomaly

39.1748, 0.3070, 0.2946

Monochromacy



Original Color

39.0751, 0.2932, 0.2655

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.8471, 0.3057, 0.3048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0751, 0.2932, 0.2655 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(183, 158, 208)` looks like.

```
.text, #text, p{  
    color:rgb(183, 158, 208)  
}
```

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(183, 158, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 158, 208) }
```

Border

The CSS property to change the border of an element to Yxy 39.0751, 0.2932, 0.2655 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(183, 158, 208) }
```

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

```
.border{ border-color:rgb(183, 158, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 158, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 158, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 158, 208);  
box-shadow:4px 4px 4px 4px rgb(183, 158,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0751, 0.2932, 0.2655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 158, 208) }
```

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

```
.background{ background-color: rgb(183,  
158, 208) }
```

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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