

Converting Colors

$Yxy(35.7024, 0.3125, 0.2912)$

Have a look what the booklet for
Yxy(35.7024, 0.3125, 0.2912)
contains.

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Color

Yxy(35.7024, 0.3125, 0.2912)

Conversions

Conversions Part 1

Format	Color
Hex	B399B5
RGB	179, 153, 181
RGB Percent	70%, 60%, 71%
CMY	0.2982, 0.3999, 0.2902
CMYK	0.01, 0.15, 0.00, 0.29
HSL	296°, 16%, 65%
HSV	296°, 15%, 71%
XYZ	38.3139, 35.7024, 48.5881
YIQ	163.9660, 6.5080, 14.2200

Conversions

Conversions Part 2

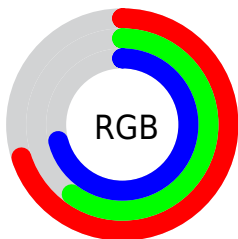
Format	Color
RYB	179, 153, 181
Decimal	11770293
CIELab	66.29, 14.65, -10.95
CIElCh	66, 18.289, 323.215
Yxy	35.7024, 0.3125, 0.2912
Android (android.graphics.Color)	4289960373 (0xFFB399B5)
YUV	163.9660, 8.3978, 13.1848
Hunter-Lab	59.7515, 9.8927, -6.3868

Details

The Yxy color **35.7024, 0.3125, 0.2912** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.3244, 0.3126, 0.3695**, and the grayscale version is **37.0632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4022, 0.3127, 0.2977**, and **15.4969, 0.3122, 0.2805** is the 20% darker color. If you saturate the color by 10%, you get **30.0633, 0.3121, 0.2661**, and if you desaturate by 10%, it is **42.2449, 0.3127, 0.3159**.

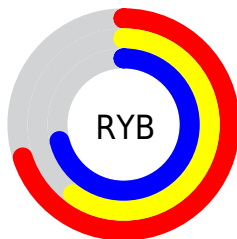
Distribution



Red (70%)

Green (60%)

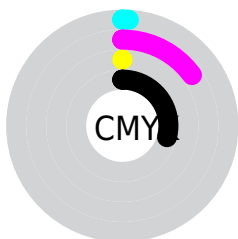
Blue (71%)



Red (70%)

Yellow (60%)

Blue (71%)

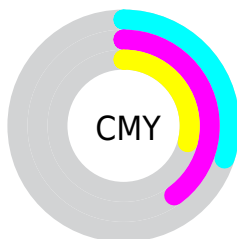


Cyan (1%)

Magenta (15%)

Yellow (0%)

Black (29%)



Cyan (30%)


Magenta (40%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7024, 0.3125, 0.2912 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 35.7024, 0.3125, 0.2912 by changing the saturation by 10% instead.


 35.7024, 0.3125,
0.2912


 35.7024, 0.3125,
0.2912


327.6579, 0.3128,
0.3104

 24.2044, 0.3123,
0.2863


 68.5725, 0.3127,
0.2982

 15.4853, 0.3121,
0.2800


 90.7134, 0.3127,
0.3009

 9.1607, 0.3117,
0.2715


117.1707, 0.3128,
0.3031

 4.8462, 0.3109,
0.2594

148.3289, 0.3128,
0.3050

 2.1573, 0.3093,
0.2410

184.5723, 0.3128,
0.3066

 0.6966, 0.3065,
0.2068

226.2854, 0.3128,

 0.0000, 0.0000,

0.3080

0.0000

273.8524, 0.3128,
0.3093

■ 35.7024, 0.3125,
0.2912

■ 35.7024, 0.3125,
0.2912

■ 30.0633, 0.3121,
0.2661

■ 42.2449, 0.3127,
0.3159

■ 25.2827, 0.3115,
0.2412

■ 49.7239, 0.3127,
0.3396

■ 21.3186, 0.3107,
0.2175

■ 58.1767, 0.3126,
0.3620

■ 18.1238, 0.3097,
0.1960

■ 67.6370, 0.3124,
0.3828

■ 15.6462, 0.3084,
0.1775

■ 78.1370, 0.3122,
0.4019

■ 13.8273, 0.3069,
0.1629

■ 85.4089, 0.3123,
0.4130

■ 12.5994, 0.3052,
0.1525

■ 85.5767, 0.3131,
0.4128

■ 11.8782, 0.3035,
0.1462

■ 85.7460, 0.3139,
0.4126

■ 11.6337, 0.3026,
0.1441

■ 85.9169, 0.3147,
0.4124

Harmonies

Analogous

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



35.7024, 0.2858, 0.2830



35.7024, 0.3125, 0.2912



35.7024, 0.3404, 0.3083

Triad

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



35.7024, 0.3125, 0.2912



35.7024, 0.3598, 0.3718



35.7024, 0.2663, 0.3241

Complementary

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



35.7024, 0.3125, 0.2912



42.3244, 0.3126, 0.3695

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.



35.7024, 0.2847, 0.3507



35.7024, 0.3125, 0.2912



35.7024, 0.3386, 0.3788

Square

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



35.7024, 0.3125, 0.2912



35.7024, 0.3684, 0.3538



35.7024, 0.3110, 0.3713



35.7024, 0.2600, 0.3006

Rectangle

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



35.7024, 0.3125, 0.2912



35.7024, 0.3556, 0.3230



35.7024, 0.3110, 0.3713



35.7024, 0.2713, 0.3331

Sweetspot

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



35.7039, 0.3125, 0.2912



76.1296, 0.3127, 0.3168



33.6712, 0.2882, 0.2918



16.2669, 0.3127, 0.3151



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



35.7039, 0.3125, 0.2912



59.8582, 0.3124, 0.2815



35.4910, 0.3253, 0.3067



8.6145, 0.3126, 0.3065



8.0329, 0.3029, 0.1442



0.2621, 0.3082, 0.1472

Inverse Universe

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



34.9824, 0.3392, 0.3262



58.2955, 0.3473, 0.3255



42.5277, 0.3018, 0.3524



8.5150, 0.3276, 0.3274



6.7969, 0.6305, 0.3247



0.2172, 0.5933, 0.3042

Previews

White Background



This preview shows how the Yxy color 35.7024, 0.3125, 0.2912 looks on a white background.

Color Contrast Check

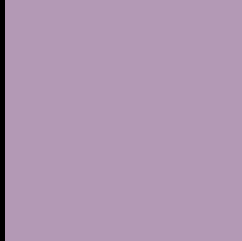
Large Text (above 18pt) WCAG AA × Fail

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 35.7024, 0.3125, 0.2912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

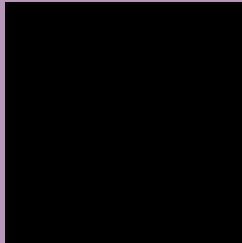
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7024, 0.3125, 0.2912

Background



This preview shows how black text looks on a background with the Yxy color 35.7024, 0.3125, 0.2912.



This preview shows how white text looks on a background with the Yxy color 35.7024, 0.3125, 0.2912.

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

35.7024, 0.3125, 0.2912

Protanopia

35.8549, 0.2880, 0.2922

Deuteranopia

35.7341, 0.3029, 0.2970



Tritanopia

35.6170, 0.3224, 0.3110

Trichromacy



Original Color

35.7024, 0.3125, 0.2912

Protanomaly

35.5740, 0.2967, 0.2913

Deuteranomaly

35.8429, 0.3066, 0.2959

Tritanomaly

35.5933, 0.3188, 0.3030

Monochromacy



Original Color

35.7024, 0.3125, 0.2912

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.4789, 0.3124, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7024, 0.3125, 0.2912 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(179, 153, 181)` looks like.

```
.text, #text, p{  
    color:rgb(179, 153, 181)  
}
```

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(179, 153, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 153, 181) }
```

Border

The CSS property to change the border of an element to Yxy 35.7024, 0.3125, 0.2912 is called "border". The border property can be set on classes, ids or directly on the HTML element.

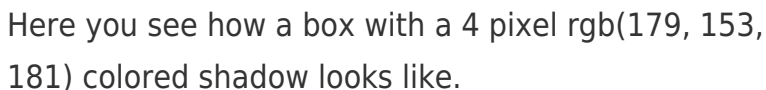
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 153, 181) }
```

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

```
.border{ border-color:rgb(179, 153, 181) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 153, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 153, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 153, 181); box-shadow:4px 4px 4px 4px rgb(179, 153, 181) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7024, 0.3125, 0.2912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 153, 181) }
```

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

```
.background{ background-color: rgb(179,  
153, 181) }
```

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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