

Converting Colors

$Y_{xy}(24.9227, 0.3113, 0.2389)$

Have a look what the booklet for
Yxy(24.9227, 0.3113, 0.2389)
contains.

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Color

Yxy(24.8278, 0.3113, 0.2387)

Conversions

Conversions Part 1

Format	Color
Hex	B073B5
RGB	176, 115, 181
RGB Percent	69%, 45%, 71%
CMY	0.3097, 0.5490, 0.2902
CMYK	0.03, 0.36, 0.00, 0.29
HSL	295°, 31%, 58%
HSV	295°, 36%, 71%
XYZ	32.3791, 24.8278, 46.8057
YIQ	140.7630, 15.1700, 33.4580

Conversions

Conversions Part 2

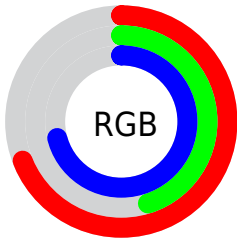
Format	Color
R _Y B	176, 115, 181
Decimal	11563957
CIE Lab	56.91, 34.95, -25.24
CIE LCh	57, 43.109, 324.163
Yxy	24.8278, 0.3113, 0.2387
Android (android.graphics.Color)	4289754037 (0xFFB073B5)
YUV	140.7630, 19.8368, 30.9028
Hunter-Lab	49.8275, 28.7955, -20.8150

Details

The Yxy color **24.8278, 0.3113, 0.2387** is a light color, and the websafe version is hex **996699**. A complement of this color would be **38.2806, 0.3116, 0.4360**, and the grayscale version is **26.4557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.4433, 0.3128, 0.2558**, and **9.4767, 0.3082, 0.2115** is the 20% darker color. If you saturate the color by 10%, you get **20.9397, 0.3104, 0.2152**, and if you desaturate by 10%, it is **29.5302, 0.3120, 0.2635**.

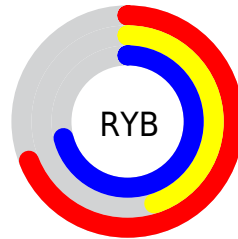
Distribution



Red (69%)

Green (45%)

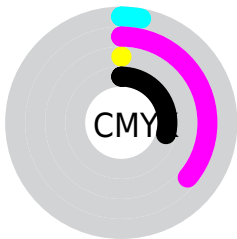
Blue (71%)



Red (69%)

Yellow (45%)

Blue (71%)

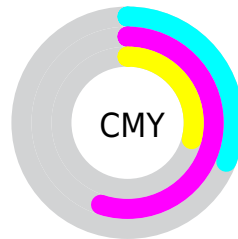


Cyan (3%)

Magenta (36%)

Yellow (0%)

Black (29%)



Cyan (31%)


Magenta (55%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8278, 0.3113, 0.2387 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 24.8278, 0.3113, 0.2387 by changing the saturation by 10% instead.


 24.8278, 0.3113,
0.2387


 24.8278, 0.3113,
0.2387


276.9793, 0.3133,
0.2850


 15.9488, 0.3103,
0.2269


 51.3777, 0.3124,
0.2557

 9.4879, 0.3086,
0.2117


 69.8175, 0.3127,
0.2621

 5.0608, 0.3058,
0.1914


 92.2129, 0.3129,
0.2674

 2.2830, 0.3005,
0.1633

118.9484, 0.3131,
0.2719

 0.7647, 0.2896,
0.1219

150.4084, 0.3132,
0.2759

 0.0000, 0.2658,
0.0000

186.9773, 0.3133,

 0.0000, 0.0000,

0.2793

0.0000

229.0394, 0.3133,
0.2823

■ 24.8278, 0.3113,
0.2387

■ 24.8278, 0.3113,
0.2387

■ 20.9397, 0.3104,
0.2152

■ 29.5302, 0.3120,
0.2635

■ 17.8150, 0.3092,
0.1939

■ 35.0873, 0.3124,
0.2887

■ 15.4020, 0.3079,
0.1757


■ 41.5410, 0.3126,
0.3134


■ 13.6416, 0.3063,
0.1614


■ 48.9293, 0.3127,
0.3373

■ 12.4647, 0.3045,
0.1514

■ 57.2880, 0.3127,
0.3598


 11.7790, 0.3027,
0.1454

 66.6511, 0.3125,
0.3807

 11.5875, 0.3020,
0.1438

 77.0508, 0.3123,
0.4000

 85.4168, 0.3123,
0.4130

 85.5901, 0.3131,
0.4128

Harmonies

Analogous

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



24.8278, 0.2443, 0.2182



24.8278, 0.3113, 0.2387



24.8278, 0.3873, 0.2776

Triad

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



24.8278, 0.3113, 0.2387



24.8278, 0.4304, 0.4344



24.8278, 0.1957, 0.3076

Complementary

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



24.8278, 0.3113, 0.2387



38.2806, 0.3116, 0.4360

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.



24.8278, 0.2362, 0.3860



24.8278, 0.3113, 0.2387



24.8278, 0.3713, 0.4646

Square

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



24.8278, 0.3113, 0.2387



24.8278, 0.4595, 0.3834



24.8278, 0.3002, 0.4498



24.8278, 0.1843, 0.2492

Rectangle

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



24.8278, 0.3113, 0.2387



24.8278, 0.4294, 0.3106



24.8278, 0.3002, 0.4498



24.8278, 0.2061, 0.3327

Sweetspot

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



24.8289, 0.3113, 0.2387



68.7396, 0.3126, 0.3018



20.5334, 0.2486, 0.2301



14.5273, 0.3125, 0.2986



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.



24.8289, 0.3113, 0.2387



38.6068, 0.3106, 0.2191



24.4014, 0.3488, 0.2748



8.6134, 0.3126, 0.3065



8.0008, 0.3023, 0.1439



0.2614, 0.3078, 0.1469

Inverse Universe

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



23.4406, 0.3925, 0.3220



35.7973, 0.4205, 0.3205



38.6635, 0.2882, 0.3908



8.5153, 0.3276, 0.3273



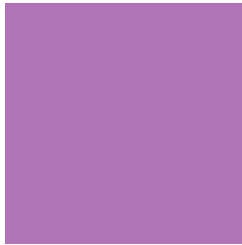
6.7978, 0.6301, 0.3245



0.2173, 0.5919, 0.3034

Previews

White Background



This preview shows how the Yxy color 24.8278, 0.3113, 0.2387 looks on a white background.

Color Contrast Check

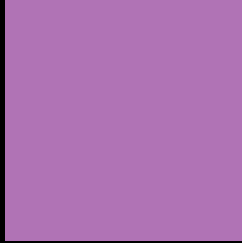
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8278, 0.3113, 0.2387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

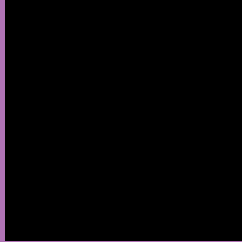
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8278, 0.3113, 0.2387

Background



This preview shows how black text looks on a background with the Yxy color 24.8278, 0.3113, 0.2387.



This preview shows how white text looks on a background with the Yxy color 24.8278, 0.3113, 0.2387.

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

24.8278, 0.3113, 0.2387

Protanopia

25.0954, 0.2432, 0.2351

Deuteranopia

25.1694, 0.2674, 0.2624



Tritanopia

24.9345, 0.3570, 0.3155

Trichromacy



Original Color

24.8278, 0.3113, 0.2387

Protanomaly

24.6032, 0.2634, 0.2348

Deuteranomaly

24.7637, 0.2823, 0.2532

Tritanomaly

24.6798, 0.3399, 0.2850

Monochromacy



Original Color

24.8278, 0.3113, 0.2387

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.7729, 0.3122, 0.2918

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8278, 0.3113, 0.2387 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(176, 115, 181)` looks like.

```
.text, #text, p{  
    color:rgb(176, 115, 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(176, 115, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 115, 181) }
```

Border

The CSS property to change the border of an element to Yxy 24.8278, 0.3113, 0.2387 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(176, 115, 181) }
```

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

```
.border{ border-color:rgb(176, 115, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 115, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 115, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 115, 181);  
box-shadow:4px 4px 4px 4px rgb(176, 115,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8278, 0.3113, 0.2387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 115, 181) }
```

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

```
.background{ background-color: rgb(176,  
115, 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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