

Converting Colors

$Y_{xy}(24.5120, 0.3283, 0.2474)$

Have a look what the booklet for
Yxy(24.5120, 0.3283, 0.2474)
contains.

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Color

Yxy(24.5120, 0.3283, 0.2474)

Conversions

Conversions Part 1

Format	Color
Hex	B670AC
RGB	182, 112, 172
RGB Percent	71%, 44%, 67%
CMY	0.2863, 0.5607, 0.3255
CMYK	0.00, 0.38, 0.05, 0.29
HSL	309°, 32%, 58%
HSV	309°, 38%, 71%
XYZ	32.5274, 24.5120, 42.0390
YIQ	139.7700, 22.4600, 33.5000

Conversions

Conversions Part 2

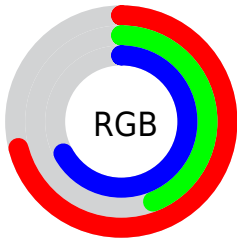
Format	Color
R _Y B	182, 112, 172
Decimal	11956396
CIE Lab	56.60, 36.82, -20.47
CIE LCh	57, 42.125, 330.932
Yxy	24.5120, 0.3283, 0.2474
Android (android.graphics.Color)	4290146476 (0xFFB670AC)
YUV	139.7700, 15.8894, 37.0357
Hunter-Lab	49.5096, 30.6314, -15.6869

Details

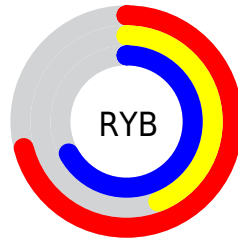
The Yxy color **24.5120, 0.3283, 0.2474** is a light color, and the websafe version is hex **996699**. A complement of this color would be **38.2998, 0.3004, 0.4274**, and the grayscale version is **26.0633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.8624, 0.3253, 0.2624**, and **9.3905, 0.3317, 0.2223** is the 20% darker color. If you saturate the color by 10%, you get **20.7953, 0.3334, 0.2275**, and if you desaturate by 10%, it is **29.0445, 0.3236, 0.2686**.

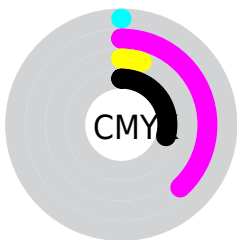
Distribution



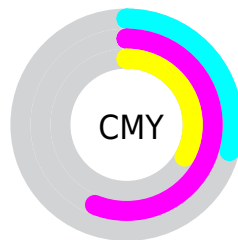
- Red (71%)
- Green (44%)
- Blue (67%)



- Red (71%)
- Yellow (44%)
- Blue (67%)



- Cyan (0%)
- Magenta (38%)
- Yellow (5%)
- Black (29%)





- Cyan (29%)
- Magenta (56%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5120, 0.3283, 0.2474 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 24.5120, 0.3283, 0.2474 by changing the saturation by 10% instead.


 24.5120, 0.3283,
0.2474


 24.5120, 0.3283,
0.2474


275.3989, 0.3209,
0.2896


 15.7139, 0.3299,
0.2365


 50.8644, 0.3257,
0.2630

 9.3219, 0.3319,
0.2223


 69.1875, 0.3247,
0.2688

 4.9517, 0.3342,
0.2032


 91.4543, 0.3239,
0.2736

 2.2190, 0.3367,
0.1762

 118.0494, 0.3231,
0.2778

 0.7303, 0.3389,
0.1346

149.3569, 0.3225,
0.2813

 0.0000, 0.3461,
0.0000

185.7614, 0.3219,

 0.0000, 0.0000,

0.2844

0.0000

227.6473, 0.3214,
0.2872

■ 24.5120, 0.3283,
0.2474

■ 24.5120, 0.3283,
0.2474

■ 20.7953, 0.3334,
0.2275

■ 29.0445, 0.3236,
0.2686

■ 17.8418, 0.3387,
0.2098

■ 34.4345, 0.3193,
0.2902

■ 15.5982, 0.3442,
0.1953


■ 40.7250, 0.3155,
0.3115

■ 14.0026, 0.3497,
0.1847

■ 47.9549, 0.3122,
0.3321

■ 12.9829, 0.3549,
0.1785

■ 56.1610, 0.3094,
0.3517


 12.4176, 0.3598,
0.1763

 65.3780, 0.3069,
0.3700

 12.3425, 0.3606,
0.1760

 75.6391, 0.3048,
0.3869

 85.3036, 0.3030,
0.3999

 85.4205, 0.3017,
0.3968

Harmonies

Analogous

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



24.5120, 0.2586, 0.2226



24.5120, 0.3283, 0.2474



24.5120, 0.4013, 0.2891

Triad

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



24.5120, 0.3283, 0.2474



24.5120, 0.4174, 0.4420



24.5120, 0.1926, 0.2928

Complementary

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



24.5120, 0.3283, 0.2474



38.2998, 0.3004, 0.4274

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.



24.5120, 0.2262, 0.3673



24.5120, 0.3283, 0.2474



24.5120, 0.3551, 0.4633

Square

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



24.5120, 0.3283, 0.2474



24.5120, 0.4539, 0.3949



24.5120, 0.2851, 0.4366



24.5120, 0.1876, 0.2418

Rectangle

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



24.5120, 0.3283, 0.2474



24.5120, 0.4378, 0.3229



24.5120, 0.2851, 0.4366



24.5120, 0.2006, 0.3159

Sweetspot

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



24.5131, 0.3283, 0.2474



69.3683, 0.3169, 0.3036



19.0589, 0.2520, 0.2166



14.9920, 0.3174, 0.3008



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



24.5131, 0.3283, 0.2474



38.7352, 0.3325, 0.2307



23.3606, 0.3712, 0.2925



9.1401, 0.3159, 0.3096



8.7256, 0.3601, 0.1757



0.3137, 0.3485, 0.1694

Inverse Universe

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



24.5131, 0.3283, 0.2474



38.7352, 0.3325, 0.2307



39.3058, 0.2767, 0.3695



9.1401, 0.3159, 0.3096



8.7256, 0.3601, 0.1757



0.3137, 0.3485, 0.1694

Previews

White Background



This preview shows how the Yxy color 24.5120, 0.3283, 0.2474 looks on a white background.

Color Contrast Check

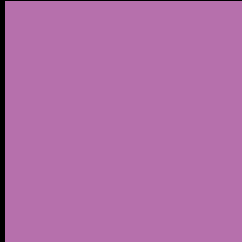
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5120, 0.3283, 0.2474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

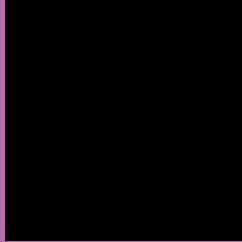
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5120, 0.3283, 0.2474

Background



This preview shows how black text looks on a background with the Yxy color 24.5120, 0.3283, 0.2474.



This preview shows how white text looks on a background with the Yxy color 24.5120, 0.3283, 0.2474.

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

24.5120, 0.3283, 0.2474

Protanopia

24.7174, 0.2502, 0.2429

Deuteranopia

24.5888, 0.2786, 0.2726



Tritanopia

24.6336, 0.3719, 0.3159

Trichromacy



Original Color

24.5120, 0.3283, 0.2474

Protanomaly

24.1802, 0.2746, 0.2429

Deuteranomaly

24.1111, 0.2959, 0.2617

Tritanomaly

24.5849, 0.3563, 0.2902

Monochromacy



Original Color

24.5120, 0.3283, 0.2474

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.2008, 0.3177, 0.2947

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5120, 0.3283, 0.2474 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(182, 112, 172)` looks like.

```
.text, #text, p{  
    color:rgb(182, 112, 172)  
}
```

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(182, 112, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 112, 172) }
```

Border

The CSS property to change the border of an element to Yxy 24.5120, 0.3283, 0.2474 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(182, 112, 172) }
```

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

```
.border{ border-color:rgb(182, 112, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 112, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 112, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 112, 172);  
box-shadow:4px 4px 4px 4px rgb(182, 112,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5120, 0.3283, 0.2474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 112, 172) }
```

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

```
.background{ background-color: rgb(182,  
112, 172) }
```

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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