

Converting Colors

$Y_{xy}(24.8686, 0.3457, 0.2688)$

Have a look what the booklet for
Yxy(24.8686, 0.3457, 0.2688)
contains.

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Color

Yxy(24.7974, 0.3457, 0.2693)

Conversions

Conversions Part 1

Format	Color
Hex	B7739E
RGB	183, 115, 158
RGB Percent	72%, 45%, 62%
CMY	0.2823, 0.5490, 0.3804
CMYK	0.00, 0.37, 0.14, 0.28
HSL	322°, 32%, 58%
HSV	322°, 37%, 72%
XYZ	31.8324, 24.7974, 35.4512
YIQ	140.2340, 26.7250, 27.7890

Conversions

Conversions Part 2

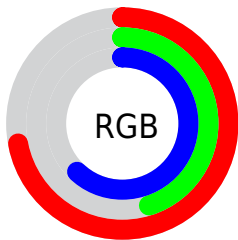
Format	Color
R_{YB}	183, 115, 158
Decimal	12022686
CIE _{Lab}	56.88, 33.10, -11.94
CIE _{LCh}	57, 35.187, 340.166
Yxy	24.7974, 0.3457, 0.2693
Android (android.graphics.Color)	4290212766 (0xFFB7739E)
YUV	140.2340, 8.7586, 37.5058
Hunter-Lab	49.7970, 26.9602, -7.3515

Details

The Yxy color **24.7974, 0.3457, 0.2693** is a light color, and the websafe version is hex **996699**. A complement of this color would be **39.4119, 0.2901, 0.3978**, and the grayscale version is **26.2793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.3346, 0.3387, 0.2807**, and **9.5093, 0.3566, 0.2494** is the 20% darker color. If you saturate the color by 10%, you get **20.8053, 0.3582, 0.2536**, and if you desaturate by 10%, it is **29.6330, 0.3348, 0.2857**.

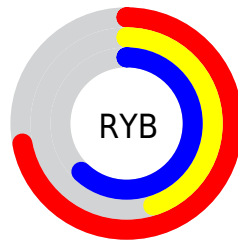
Distribution



Red (72%)

Green (45%)

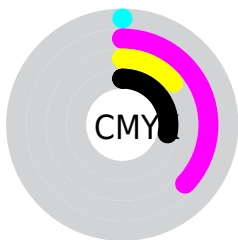
Blue (62%)



Red (72%)

Yellow (45%)

Blue (62%)

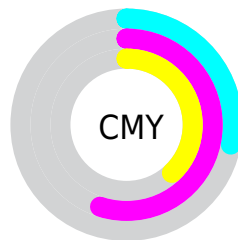


Cyan (0%)

Magenta (37%)

Yellow (14%)

Black (28%)



Cyan (28%)


Magenta (55%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7974, 0.3457, 0.2693 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 24.7974, 0.3457, 0.2693 by changing the saturation by 10% instead.


 24.7974, 0.3457,
0.2693


 24.7974, 0.3457,
0.2693


276.8275, 0.3282,
0.3007


 15.9262, 0.3504,
0.2609


 51.3284, 0.3391,
0.2811

 9.4719, 0.3567,
0.2498


 69.7569, 0.3367,
0.2854

 5.0503, 0.3654,
0.2345


 92.1400, 0.3347,
0.2890

 2.2768, 0.3783,
0.2120

118.8620, 0.3330,
0.2921

 0.7614, 0.3998,
0.1752

150.3074, 0.3315,
0.2947

 0.0000, 0.5113,
0.0000

186.8605, 0.3303,

 0.0000, 0.0000,

0.2970

0.0000

228.9057, 0.3292,
0.2990

■ 24.7974, 0.3457,
0.2693

■ 24.7974, 0.3457,
0.2693

■ 20.8053, 0.3582,
0.2536

■ 29.6330, 0.3348,
0.2857

■ 17.6039, 0.3722,
0.2395

■ 35.3542, 0.3255,
0.3021

■ 15.1395, 0.3875,
0.2280


■ 42.0043, 0.3176,
0.3181


■ 13.3505, 0.4036,
0.2204


■ 49.6226, 0.3109,
0.3332

■ 12.1649, 0.4201,
0.2174

■ 58.2464, 0.3054,
0.3474

 11.4799, 0.4363,
0.2193

 67.9109, 0.3008,
0.3606

 11.3225, 0.4409,
0.2203

 78.6494, 0.2969,
0.3727

 86.3354, 0.2935,
0.3773

 86.6821, 0.2900,
0.3695

Harmonies

Analogous

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



24.7974, 0.2844, 0.2427



24.7974, 0.3457, 0.2693



24.7974, 0.4020, 0.3090

Triad

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



24.7974, 0.3457, 0.2693



24.7974, 0.3877, 0.4331



24.7974, 0.2065, 0.2842

Complementary

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



24.7974, 0.3457, 0.2693



39.4119, 0.2901, 0.3978

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.



24.7974, 0.2287, 0.3415



24.7974, 0.3457, 0.2693



24.7974, 0.3318, 0.4371

Square

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



24.7974, 0.3457, 0.2693



24.7974, 0.4255, 0.4003



24.7974, 0.2736, 0.4020



24.7974, 0.2093, 0.2474

Rectangle

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



24.7974, 0.3457, 0.2693



24.7974, 0.4259, 0.3396



24.7974, 0.2736, 0.4020



24.7974, 0.2111, 0.3015

Sweetspot

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



24.7985, 0.3457, 0.2693



70.2270, 0.3206, 0.3117



21.2508, 0.2702, 0.2254



15.1549, 0.3217, 0.3096



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.



24.7985, 0.3457, 0.2693



38.1828, 0.3563, 0.2557



23.7872, 0.3895, 0.3162



9.1051, 0.3192, 0.3147



7.9110, 0.4391, 0.2193



0.2904, 0.4013, 0.1984

Inverse Universe

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



24.7985, 0.3457, 0.2693



38.1828, 0.3563, 0.2557



40.5716, 0.2673, 0.3427



9.1051, 0.3192, 0.3147



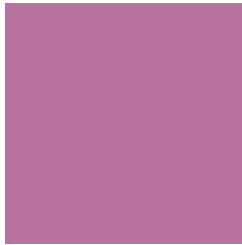
7.9110, 0.4391, 0.2193



0.2904, 0.4013, 0.1984

Previews

White Background



This preview shows how the Yxy color 24.7974, 0.3457, 0.2693 looks on a white background.

Color Contrast Check

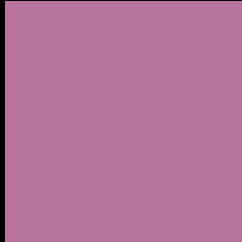
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7974, 0.3457, 0.2693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

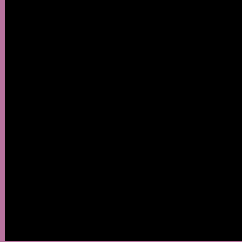
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.7974, 0.3457, 0.2693

Background



This preview shows how black text looks on a background with the Yxy color 24.7974, 0.3457, 0.2693.



This preview shows how white text looks on a background with the Yxy color 24.7974, 0.3457, 0.2693.

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

24.7974, 0.3457, 0.2693

Protanopia

24.8957, 0.2706, 0.2694

Deuteranopia

24.8924, 0.3001, 0.2935



Tritanopia

24.7479, 0.3759, 0.3146

Trichromacy



Original Color

24.7974, 0.3457, 0.2693

Protanomaly

24.5243, 0.2947, 0.2686

Deuteranomaly

24.4901, 0.3160, 0.2828

Tritanomaly

24.6741, 0.3650, 0.2976

Monochromacy



Original Color

24.7974, 0.3457, 0.2693

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.4071, 0.3242, 0.3040

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7974, 0.3457, 0.2693 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, 115, 158)` looks like.

```
.text, #text, p{  
    color:rgb(183, 115, 158)  
}
```

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, 115, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 115, 158) }
```

Border

The CSS property to change the border of an element to Yxy 24.7974, 0.3457, 0.2693 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, 115, 158) }
```

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

```
.border{ border-color:rgb(183, 115, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 115, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 115, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 115, 158);  
box-shadow:4px 4px 4px 4px rgb(183, 115,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7974, 0.3457, 0.2693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 115, 158) }
```

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

```
.background{ background-color: rgb(183,  
115, 158) }
```

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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