

Converting Colors

$Y_{xy}(24.5467, 0.3598, 0.2743)$

Have a look what the booklet for
Yxy(24.5467, 0.3598, 0.2743)
contains.

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Color

Yxy(24.5467, 0.3598, 0.2743)

Conversions

Conversions Part 1

Format	Color
Hex	BC7098
RGB	188, 112, 152
RGB Percent	74%, 44%, 60%
CMY	0.2628, 0.5607, 0.4039
CMYK	0.00, 0.40, 0.19, 0.26
HSL	328°, 36%, 59%
HSV	328°, 40%, 74%
XYZ	32.1980, 24.5467, 32.7438
YIQ	139.2840, 32.4560, 28.5520

Conversions

Conversions Part 2

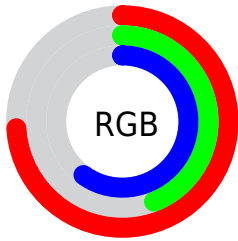
Format	Color
R _Y B	188, 112, 152
Decimal	12349592
CIE Lab	56.63, 35.49, -8.77
CIE LCh	57, 36.554, 346.121
Yxy	24.5467, 0.3598, 0.2743
Android (android.graphics.Color)	4290539672 (0xFFBC7098)
YUV	139.2840, 6.2690, 42.7239
Hunter-Lab	49.5446, 29.3001, -4.5033

Details

The Yxy color **24.5467, 0.3598, 0.2743** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **41.5452, 0.2831, 0.3919**, and the grayscale version is **25.9007, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.9593, 0.3507, 0.2855**, and **9.3714, 0.3764, 0.2567** is the 20% darker color. If you saturate the color by 10%, you get **20.5420, 0.3770, 0.2613**, and if you desaturate by 10%, it is **29.4416, 0.3450, 0.2881**.

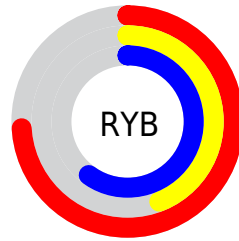
Distribution



Red (74%)

Green (44%)

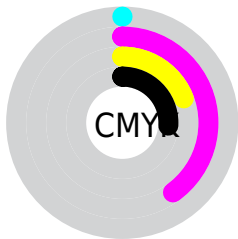
Blue (60%)



Red (74%)

Yellow (44%)

Blue (60%)

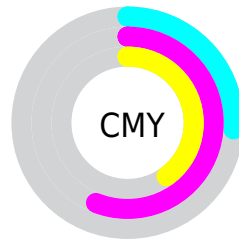


Cyan (0%)

Magenta (40%)

Yellow (19%)

Black (26%)



Cyan (26%)


Magenta (56%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.5467, 0.3598, 0.2743 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 24.5467, 0.3598, 0.2743 by changing the saturation by 10% instead.


 24.5467, 0.3598,
0.2743


 24.5467, 0.3598,
0.2743


275.5729, 0.3344,
0.3034

 15.7397, 0.3668,
0.2665


 50.9209, 0.3501,
0.2853

 9.3401, 0.3763,
0.2560


 69.2568, 0.3466,
0.2893

 4.9637, 0.3898,
0.2415


 91.5378, 0.3437,
0.2926

 2.2260, 0.4104,
0.2199

 118.1483, 0.3412,
0.2954

 0.7341, 0.4465,
0.1831

149.4726, 0.3391,
0.2978

 0.0000, 0.7121,
0.0000

185.8953, 0.3373,

 0.0000, 0.0000,

0.2999

0.0000

227.8005, 0.3358,
0.3017

■ 24.5467, 0.3598,
0.2743

■ 24.5467, 0.3598,
0.2743

■ 20.5420, 0.3770,
0.2613

■ 29.4416, 0.3450,
0.2881

■ 17.3694, 0.3965,
0.2502

■ 35.2734, 0.3324,
0.3020

■ 14.9689, 0.4180,
0.2421


■ 42.0896, 0.3218,
0.3156


■ 13.2712, 0.4407,
0.2381


■ 49.9333, 0.3130,
0.3285

■ 12.1944, 0.4636,
0.2392

■ 58.8453, 0.3058,
0.3406

 11.5893, 0.4851,
0.2446

 68.8639, 0.2997,
0.3518

 80.0258, 0.2947,
0.3621

 87.5507, 0.2903,
0.3639

 88.0445, 0.2857,
0.3538

Harmonies

Analogous

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



24.5467, 0.2952, 0.2437



24.5467, 0.3598, 0.2743



24.5467, 0.4148, 0.3172

Triad

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



24.5467, 0.3598, 0.2743



24.5467, 0.3798, 0.4412



24.5467, 0.2011, 0.2726

Complementary

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



24.5467, 0.3598, 0.2743



41.5452, 0.2831, 0.3919

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.



24.5467, 0.2187, 0.3289



24.5467, 0.3598, 0.2743



24.5467, 0.3198, 0.4381

Square

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



24.5467, 0.3598, 0.2743



24.5467, 0.4244, 0.4110



24.5467, 0.2610, 0.3940



24.5467, 0.2091, 0.2396

Rectangle

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



24.5467, 0.3598, 0.2743



24.5467, 0.4350, 0.3492



24.5467, 0.2610, 0.3940



24.5467, 0.2041, 0.2891

Sweetspot

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



24.5479, 0.3598, 0.2743



73.9565, 0.3236, 0.3132



21.4679, 0.2733, 0.2174



15.5452, 0.3249, 0.3115



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



24.5479, 0.3598, 0.2743



38.3117, 0.3741, 0.2634



23.5084, 0.4102, 0.3257



9.6180, 0.3208, 0.3170



7.9068, 0.4825, 0.2431



0.3229, 0.4337, 0.2163

Inverse Universe

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



24.5479, 0.3598, 0.2743



38.3117, 0.3741, 0.2634



42.9290, 0.2593, 0.3326



9.6180, 0.3208, 0.3170



7.9068, 0.4825, 0.2431



0.3229, 0.4337, 0.2163

Previews

White Background



This preview shows how the Yxy color 24.5467, 0.3598, 0.2743 looks on a white background.

Color Contrast Check

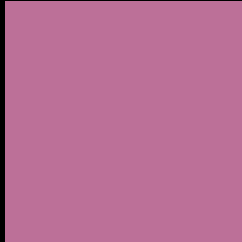
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5467, 0.3598, 0.2743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

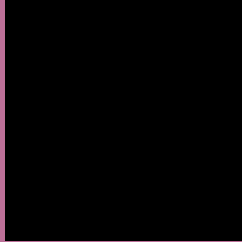
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5467, 0.3598, 0.2743

Background



This preview shows how black text looks on a background with the Yxy color 24.5467, 0.3598, 0.2743.



This preview shows how white text looks on a background with the Yxy color 24.5467, 0.3598, 0.2743.

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

24.5467, 0.3598, 0.2743

Protanopia

24.7851, 0.2758, 0.2769

Deuteranopia

24.5699, 0.3095, 0.3029



Tritanopia

24.5432, 0.3885, 0.3164

Trichromacy



Original Color

24.5467, 0.3598, 0.2743

Protanomaly

24.2714, 0.3018, 0.2745

Deuteranomaly

24.3107, 0.3274, 0.2920

Tritanomaly

24.4498, 0.3786, 0.3010

Monochromacy



Original Color

24.5467, 0.3598, 0.2743

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.8822, 0.3289, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5467, 0.3598, 0.2743 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(188, 112, 152)` looks like.

```
.text, #text, p{  
    color:rgb(188, 112, 152)  
}
```

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(188, 112, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 112, 152) }
```

Border

The CSS property to change the border of an element to Yxy 24.5467, 0.3598, 0.2743 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(188, 112, 152) }
```

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

```
.border{ border-color:rgb(188, 112, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 112, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 112, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 112, 152);  
box-shadow:4px 4px 4px 4px rgb(188, 112,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5467, 0.3598, 0.2743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 112, 152) }
```

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

```
.background{ background-color: rgb(188,  
112, 152) }
```

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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