

Converting Colors

$Y_{xy}(24.7044, 0.3685, 0.2838)$

Have a look what the booklet for
Yxy(24.7044, 0.3685, 0.2838)
contains.

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Color

Yxy(24.7044, 0.3685, 0.2838)

Conversions

Conversions Part 1

Format	Color
Hex	BD7192
RGB	189, 113, 146
RGB Percent	74%, 44%, 57%
CMY	0.2589, 0.5568, 0.4275
CMYK	0.00, 0.40, 0.23, 0.26
HSL	334°, 37%, 59%
HSV	334°, 40%, 74%
XYZ	32.0774, 24.7044, 30.2668
YIQ	139.4860, 34.7030, 26.3750

Conversions

Conversions Part 2

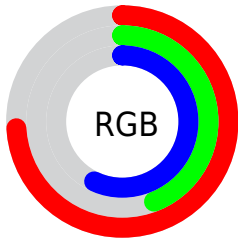
Format	Color
R _Y B	189, 113, 146
Decimal	12415378
CIE Lab	56.79, 34.38, -5.03
CIE LCh	57, 34.748, 351.672
Yxy	24.7044, 0.3685, 0.2838
Android (android.graphics.Color)	4290605458 (0xFFBD7192)
YUV	139.4860, 3.2114, 43.4238
Hunter-Lab	49.7035, 28.2183, -1.3120

Details

The Yxy color **24.7044, 0.3685, 0.2838** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **42.3041, 0.2786, 0.3801**, and the grayscale version is **25.9940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2167, 0.3569, 0.2929**, and **9.4679, 0.3880, 0.2678** is the 20% darker color. If you saturate the color by 10%, you get **20.6007, 0.3895, 0.2730**, and if you desaturate by 10%, it is **29.7197, 0.3506, 0.2953**.

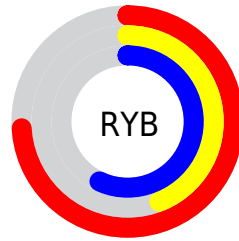
Distribution



Red (74%)

Green (44%)

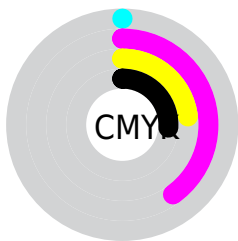
Blue (57%)



Red (74%)

Yellow (44%)

Blue (57%)

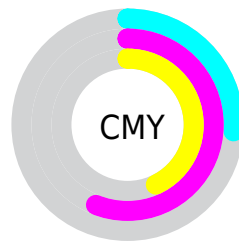


Cyan (0%)

Magenta (40%)

Yellow (23%)

Black (26%)



Cyan (26%)

Magenta (56%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.7044, 0.3685, 0.2838 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 24.7044, 0.3685, 0.2838 by changing the saturation by 10% instead.


 24.7044, 0.3685,
0.2838


 24.7044, 0.3685,
0.2838


276.3626, 0.3380,
0.3081


 15.8570, 0.3771,
0.2771


 51.1773, 0.3567,
0.2931

 9.4230, 0.3887,
0.2681


 69.5715, 0.3525,
0.2964

 5.0181, 0.4055,
0.2555

 91.9168, 0.3491,
0.2992

 2.2579, 0.4315,
0.2362

 118.5975, 0.3462,
0.3015

 0.7513, 0.4780,
0.2026

149.9980, 0.3437,
0.3035

 0.0000, 1.0000,
0.0000

186.5028, 0.3415,

 0.0000, 0.0000,

0.3053

0.0000

228.4962, 0.3397,
0.3068

■ 24.7044, 0.3685,
0.2838

■ 24.7044, 0.3685,
0.2838

■ 20.6007, 0.3895,
0.2730

■ 29.7197, 0.3506,
0.2953

■ 17.3492, 0.4137,
0.2640

■ 35.6940, 0.3356,
0.3069

■ 14.8893, 0.4406,
0.2578

■ 42.6758, 0.3232,
0.3182


■ 13.1502, 0.4690,
0.2557

■ 50.7091, 0.3129,
0.3288


■ 12.0489, 0.4975,
0.2588

■ 59.8352, 0.3045,
0.3387

 11.4274, 0.5241,
0.2661

 70.0935, 0.2975,
0.3479

 81.5212, 0.2918,
0.3563

 88.1391, 0.2865,
0.3545

 88.7642, 0.2810,
0.3426

Harmonies

Analogous

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



24.7044, 0.3072, 0.2518



24.7044, 0.3685, 0.2838



24.7044, 0.4163, 0.3265

Triad

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



24.7044, 0.3685, 0.2838



24.7044, 0.3670, 0.4377



24.7044, 0.2058, 0.2680

Complementary

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



24.7044, 0.3685, 0.2838



42.3041, 0.2786, 0.3801

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.



24.7044, 0.2182, 0.3180



24.7044, 0.3685, 0.2838



24.7044, 0.3089, 0.4269

Square

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



24.7044, 0.3685, 0.2838



24.7044, 0.4130, 0.4143



24.7044, 0.2547, 0.3797



24.7044, 0.2178, 0.2406

Rectangle

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



24.7044, 0.3685, 0.2838



24.7044, 0.4312, 0.3574



24.7044, 0.2547, 0.3797



24.7044, 0.2071, 0.2824

Sweetspot

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



24.7056, 0.3685, 0.2838



73.8047, 0.3255, 0.3160



22.4355, 0.2802, 0.2200



15.5094, 0.3270, 0.3145



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.



24.7056, 0.3685, 0.2838



37.8580, 0.3863, 0.2745



24.6888, 0.4107, 0.3346



9.6033, 0.3222, 0.3191



7.7042, 0.5210, 0.2644



0.3149, 0.4613, 0.2315

Inverse Universe

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



24.7056, 0.3685, 0.2838



37.8580, 0.3863, 0.2745



41.9641, 0.2571, 0.3232



9.6033, 0.3222, 0.3191



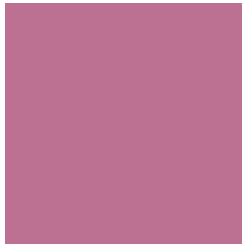
7.7042, 0.5210, 0.2644



0.3149, 0.4613, 0.2315

Previews

White Background



This preview shows how the Yxy color 24.7044, 0.3685, 0.2838 looks on a white background.

Color Contrast Check

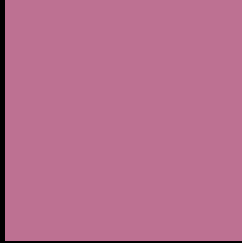
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7044, 0.3685, 0.2838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

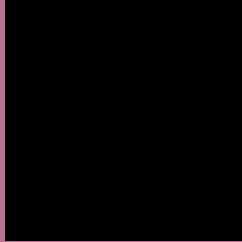
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.7044, 0.3685, 0.2838

Background



This preview shows how black text looks on a background with the Yxy color 24.7044, 0.3685, 0.2838.



This preview shows how white text looks on a background with the Yxy color 24.7044, 0.3685, 0.2838.

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

24.7044, 0.3685, 0.2838

Protanopia

25.0519, 0.2851, 0.2896

Deuteranopia

24.9613, 0.3180, 0.3128



Tritanopia

24.7680, 0.3923, 0.3180

Trichromacy



Original Color

24.7044, 0.3685, 0.2838

Protanomaly

24.5772, 0.3124, 0.2868

Deuteranomaly

24.6167, 0.3353, 0.3013

Tritanomaly

24.8756, 0.3833, 0.3054

Monochromacy



Original Color

24.7044, 0.3685, 0.2838

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.0864, 0.3310, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7044, 0.3685, 0.2838 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(189, 113, 146)` looks like.

```
.text, #text, p{  
    color:rgb(189, 113, 146)  
}
```

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(189, 113, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 113, 146) }
```

Border

The CSS property to change the border of an element to Yxy 24.7044, 0.3685, 0.2838 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(189, 113, 146) }
```

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

```
.border{ border-color:rgb(189, 113, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 113, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 113, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 113, 146);  
box-shadow:4px 4px 4px 4px rgb(189, 113,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7044, 0.3685, 0.2838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 113, 146) }
```

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

```
.background{ background-color: rgb(189,  
113, 146) }
```

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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