

Converting Colors

$Yxy(23.5566, 0.3668, 0.2736)$

Have a look what the booklet for
Yxy(23.5566, 0.3668, 0.2736)
contains.

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Color

Yxy(23.6821, 0.3673, 0.2744)

Conversions

Conversions Part 1

Format	Color
Hex	BD6C94
RGB	189, 108, 148
RGB Percent	74%, 42%, 58%
CMY	0.2587, 0.5765, 0.4196
CMYK	0.00, 0.43, 0.22, 0.26
HSL	330°, 38%, 58%
HSV	330°, 43%, 74%
XYZ	31.6998, 23.6821, 30.9231
YIQ	136.7790, 35.4360, 29.6120

Conversions

Conversions Part 2

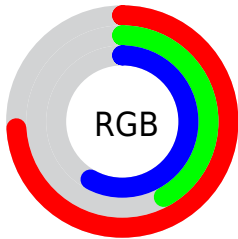
Format	Color
R _Y B	189, 108, 148
Decimal	12414100
CIE Lab	55.77, 37.40, -7.73
CIE LCh	56, 38.189, 348.329
Yxy	23.6821, 0.3673, 0.2744
Android (android.graphics.Color)	4290604180 (0xFFBD6C94)
YUV	136.7790, 5.5320, 45.7978
Hunter-Lab	48.6643, 31.1122, -3.6101

Details

The Yxy color **23.6821, 0.3673, 0.2744** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **41.7639, 0.2799, 0.3922**, and the grayscale version is **24.8975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.5282, 0.3560, 0.2855**, and **8.9575, 0.3881, 0.2575** is the 20% darker color. If you saturate the color by 10%, you get **19.8291, 0.3865, 0.2625**, and if you desaturate by 10%, it is **28.4267, 0.3507, 0.2873**.

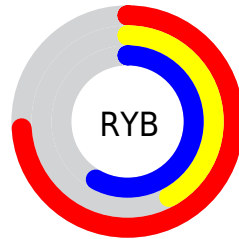
Distribution



Red (74%)

Green (42%)

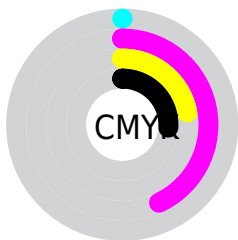
Blue (58%)



Red (74%)

Yellow (42%)

Blue (58%)

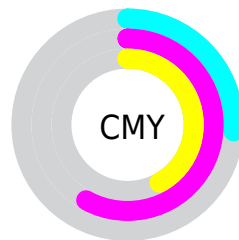


Cyan (0%)

Magenta (43%)

Yellow (22%)

Black (26%)



Cyan (26%)


Magenta (58%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.6821, 0.3673, 0.2744 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 23.6821, 0.3673, 0.2744 by changing the saturation by 10% instead.


 23.6821, 0.3673,
0.2744

 23.6821, 0.3673,
0.2744

271.2093, 0.3376,
0.3036


 15.0980, 0.3756,
0.2664


 49.5109, 0.3558,
0.2855


 8.8882, 0.3870,
0.2558


 67.5244, 0.3517,
0.2895

 4.6683, 0.4032,
0.2408


 89.4498, 0.3483,
0.2929

 2.0540, 0.4283,
0.2184

 115.6715, 0.3455,
0.2957

 0.6386, 0.4749,
0.1765

146.5740, 0.3431,
0.2981

 0.0000, 0.9398,
0.0000

182.5415, 0.3410,

 0.0000, 0.0000,

0.3002

0.0000

223.9584, 0.3392,
0.3020

■ 23.6821, 0.3673,
0.2744

■ 23.6821, 0.3673,
0.2744

■ 19.8291, 0.3865,
0.2625

■ 28.4267, 0.3507,
0.2873

■ 16.8072, 0.4083,
0.2527

■ 34.1115, 0.3367,
0.3004

■ 14.5539, 0.4321,
0.2462


■ 40.7856, 0.3250,
0.3133


■ 12.9960, 0.4569,
0.2442

■ 48.4934, 0.3152,
0.3256


■ 12.0460, 0.4817,
0.2474

■ 57.2770, 0.3071,
0.3371

 11.6190, 0.4988,
0.2522

 67.1760, 0.3004,
0.3478

 78.2278, 0.2949,
0.3577

 87.7536, 0.2902,
0.3624

 88.2891, 0.2852,
0.3516

Harmonies

Analogous

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



23.6821, 0.2988, 0.2413



23.6821, 0.3673, 0.2744



23.6821, 0.4238, 0.3198

Triad

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



23.6821, 0.3673, 0.2744



23.6821, 0.3787, 0.4487



23.6821, 0.1953, 0.2657

Complementary

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



23.6821, 0.3673, 0.2744



41.7639, 0.2799, 0.3922

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.



23.6821, 0.2115, 0.3235



23.6821, 0.3673, 0.2744



23.6821, 0.3149, 0.4429

Square

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



23.6821, 0.3673, 0.2744



23.6821, 0.4276, 0.4178



23.6821, 0.2539, 0.3932



23.6821, 0.2056, 0.2333

Rectangle

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



23.6821, 0.3673, 0.2744



23.6821, 0.4432, 0.3534



23.6821, 0.2539, 0.3932



23.6821, 0.1977, 0.2824

Sweetspot

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



23.6832, 0.3673, 0.2744



72.5931, 0.3253, 0.3129



20.7410, 0.2731, 0.2109



15.0115, 0.3277, 0.3101



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.



23.6832, 0.3673, 0.2744



36.1595, 0.3844, 0.2637



22.6271, 0.4230, 0.3293



9.6128, 0.3213, 0.3177



7.8306, 0.4960, 0.2506



0.3199, 0.4432, 0.2215

Inverse Universe

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



23.6832, 0.3673, 0.2744



36.1595, 0.3844, 0.2637



43.2692, 0.2552, 0.3288



9.6128, 0.3213, 0.3177



7.8306, 0.4960, 0.2506



0.3199, 0.4432, 0.2215

Previews

White Background



This preview shows how the Yxy color 23.6821, 0.3673, 0.2744 looks on a white background.

Color Contrast Check

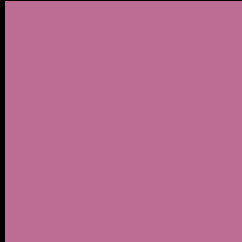
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6821, 0.3673, 0.2744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

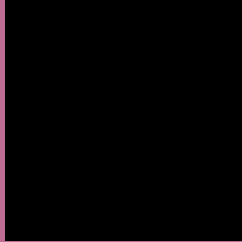
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.6821, 0.3673, 0.2744

Background



This preview shows how black text looks on a background with the Yxy color 23.6821, 0.3673, 0.2744.



This preview shows how white text looks on a background with the Yxy color 23.6821, 0.3673, 0.2744.

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

23.6821, 0.3673, 0.2744

Protanopia

23.9674, 0.2763, 0.2777

Deuteranopia

23.7297, 0.3115, 0.3058



Tritanopia

23.6298, 0.3983, 0.3179

Trichromacy



Original Color

23.6821, 0.3673, 0.2744

Protanomaly

23.3680, 0.3060, 0.2755

Deuteranomaly

23.3343, 0.3312, 0.2931

Tritanomaly

23.5724, 0.3868, 0.3012

Monochromacy



Original Color

23.6821, 0.3673, 0.2744

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

23.9127, 0.3316, 0.3053

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.6821, 0.3673, 0.2744 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, 108, 148)` looks like.

```
.text, #text, p{  
    color:rgb(189, 108, 148)  
}
```

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, 108, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 108, 148) }
```

Border

The CSS property to change the border of an element to Yxy 23.6821, 0.3673, 0.2744 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, 108, 148) }
```

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

```
.border{ border-color:rgb(189, 108, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 108, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 108, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 108, 148);  
box-shadow:4px 4px 4px 4px rgb(189, 108,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 23.6821, 0.3673, 0.2744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 108, 148) }
```

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

```
.background{ background-color: rgb(189,  
108, 148) }
```

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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