

Converting Colors

$Yxy(23.5639, 0.3889, 0.3057)$

Have a look what the booklet for
Yxy(23.5639, 0.3889, 0.3057)
contains.

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Color

Yxy(23.5860, 0.3892, 0.3066)

Conversions

Conversions Part 1

Format	Color
Hex	BA7080
RGB	186, 112, 128
RGB Percent	73%, 44%, 50%
CMY	0.2706, 0.5608, 0.4980
CMYK	0.00, 0.40, 0.31, 0.27
HSL	347°, 35%, 58%
HSV	347°, 40%, 73%
XYZ	29.9402, 23.5860, 23.4014
YIQ	135.9500, 38.9680, 20.6640

Conversions

Conversions Part 2

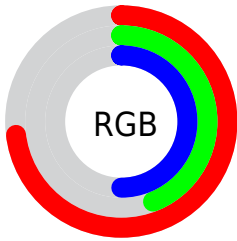
Format	Color
RYB	186, 112, 128
Decimal	12218496
CIELab	55.67, 31.28, 3.77
CIELCh	56, 31.506, 6.873
Yxy	23.5860, 0.3892, 0.3066
Android (android.graphics.Color)	4290408576 (0xFFBA7080)
YUV	135.9500, -3.9194, 43.8938
Hunter-Lab	48.5654, 25.0544, 5.4268

Details

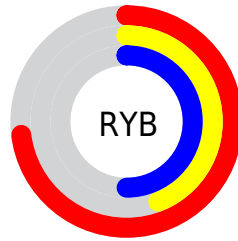
The Yxy color **23.5860, 0.3892, 0.3066** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **41.4632, 0.2684, 0.3534**, and the grayscale version is **24.6059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.4796, 0.3723, 0.3117**, and **8.8351, 0.4196, 0.2967** is the 20% darker color. If you saturate the color by 10%, you get **19.5410, 0.4196, 0.3014**, and if you desaturate by 10%, it is **28.5362, 0.3638, 0.3124**.

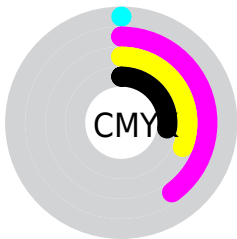
Distribution



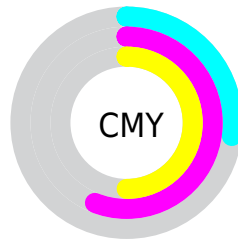
- Red (73%)
- Green (44%)
- Blue (50%)



- Red (73%)
- Yellow (44%)
- Blue (50%)



- Cyan (0%)
- Magenta (40%)
- Yellow (31%)
- Black (27%)



- Cyan (27%)
- Magenta (56%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.5860, 0.3892, 0.3066 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 23.5860, 0.3892, 0.3066 by changing the saturation by 10% instead.


 23.5860, 0.3892,
0.3066


 23.5860, 0.3892,
0.3066


270.7207, 0.3465,
0.3195


 15.0268, 0.4016,
0.3027


 49.3538, 0.3724,
0.3118

 8.8382, 0.4188,
0.2971


 67.3311, 0.3665,
0.3136

 4.6358, 0.4441,
0.2886

 89.2166, 0.3617,
0.3150

 2.0352, 0.4844,
0.2745

 115.3947, 0.3576,
0.3163

 0.6278, 0.5845,
0.2489

146.2498, 0.3542,
0.3173

 0.0000, 1.0000,
0.0000


182.1662, 0.3513,

 0.0000, 0.0000,


0.3181


0.0000


223.5284, 0.3487,
0.3189


 23.5860, 0.3892,
0.3066


 23.5860, 0.3892,
0.3066

 19.5410, 0.4196,
0.3014


 28.5362, 0.3638,
0.3124

 16.3428, 0.4549,
0.2974


 34.4384, 0.3431,
0.3182


 13.9317, 0.4941,
0.2956

 41.3404, 0.3262,
0.3238


 12.2385, 0.5344,
0.2970


 49.2857, 0.3124,
0.3291


 11.1818, 0.5718,
0.3020

 58.3151, 0.3013,
0.3340


 10.6046, 0.6025,
0.3095

 68.4674, 0.2923,
0.3385

 10.5935, 0.6031,
0.3096

 79.7795, 0.2849,
0.3425

 88.5279, 0.2783,
0.3401

 89.1786, 0.2731,
0.3289

Harmonies

Analogous

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



23.5860, 0.3367, 0.2707



23.5860, 0.3892, 0.3066



23.5860, 0.4199, 0.3491

Triad

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



23.5860, 0.3892, 0.3066



23.5860, 0.3367, 0.4281



23.5860, 0.2162, 0.2571

Complementary

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



23.5860, 0.3892, 0.3066



41.4632, 0.2684, 0.3534

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.



23.5860, 0.2162, 0.2937



23.5860, 0.3892, 0.3066



23.5860, 0.2829, 0.3999

Square

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



23.5860, 0.3892, 0.3066



23.5860, 0.3866, 0.4220



23.5860, 0.2395, 0.3470



23.5860, 0.2388, 0.2422

Rectangle

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



23.5860, 0.3892, 0.3066



23.5860, 0.4223, 0.3776



23.5860, 0.2395, 0.3470



23.5860, 0.2136, 0.2669

Sweetspot

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



23.5871, 0.3892, 0.3066



71.7399, 0.3299, 0.3225



23.6768, 0.2995, 0.2270



15.4274, 0.3320, 0.3218



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.



23.5871, 0.3892, 0.3066



36.0741, 0.4164, 0.3019



28.3754, 0.3991, 0.3588



9.0432, 0.3255, 0.3241



7.1366, 0.6001, 0.3079



0.2609, 0.5283, 0.2684

Inverse Universe

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



23.5871, 0.3892, 0.3066



36.0741, 0.4164, 0.3019



33.9121, 0.2536, 0.2965



9.0432, 0.3255, 0.3241



7.1366, 0.6001, 0.3079



0.2609, 0.5283, 0.2684

Previews

White Background



This preview shows how the Yxy color 23.5860, 0.3892, 0.3066 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 23.5860, 0.3892, 0.3066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

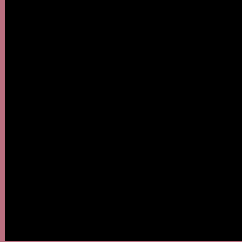
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.5860, 0.3892, 0.3066

Background



This preview shows how black text looks on a background with the Yxy color 23.5860, 0.3892, 0.3066.



This preview shows how white text looks on a background with the Yxy color 23.5860, 0.3892, 0.3066.

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

23.5860, 0.3892, 0.3066

Protanopia

23.7368, 0.3066, 0.3170

Deuteranopia

23.6652, 0.3423, 0.3357



Tritanopia

23.5297, 0.3957, 0.3164

Trichromacy



Original Color

23.5860, 0.3892, 0.3066

Protanomaly

23.2171, 0.3340, 0.3113

Deuteranomaly

23.4588, 0.3589, 0.3244

Tritanomaly

23.5798, 0.3930, 0.3136

Monochromacy



Original Color

23.5860, 0.3892, 0.3066

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.7422, 0.3383, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.5860, 0.3892, 0.3066 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(186, 112, 128)` looks like.

```
.text, #text, p{  
    color:rgb(186, 112, 128)  
}
```

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(186, 112, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 112, 128) }
```

Border

The CSS property to change the border of an element to Yxy 23.5860, 0.3892, 0.3066 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(186, 112, 128) }
```

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

```
.border{ border-color:rgb(186, 112, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 112, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 112, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 112, 128);  
box-shadow:4px 4px 4px 4px rgb(186, 112,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 23.5860, 0.3892, 0.3066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 112, 128) }
```

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

```
.background{ background-color: rgb(186,  
112, 128) }
```

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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