

Converting Colors

$Y_{xy}(22.9237, 0.3923, 0.3208)$

Have a look what the booklet for
Yxy(22.9237, 0.3923, 0.3208)
contains.

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Color

Yxy(23.0698, 0.3931, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	B47277
RGB	180, 114, 119
RGB Percent	71%, 45%, 47%
CMY	0.2941, 0.5530, 0.5333
CMYK	0.00, 0.37, 0.34, 0.29
HSL	355°, 31%, 58%
HSV	355°, 37%, 71%
XYZ	28.1725, 23.0698, 20.4253
YIQ	134.3040, 37.7310, 15.5470

Conversions

Conversions Part 2

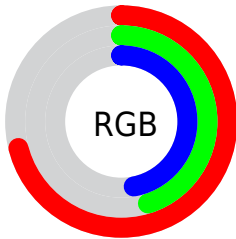
Format	Color
RYB	180, 114, 119
Decimal	11825783
CIELab	55.14, 26.72, 8.17
CIELCh	55, 27.941, 17.008
Yxy	23.0698, 0.3931, 0.3219
Android (android.graphics.Color)	4290015863 (0xFFB47277)
YUV	134.3040, -7.5449, 40.0754
Hunter-Lab	48.0310, 20.6446, 8.4086

Details

The Yxy color **23.0698, 0.3931, 0.3219** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **39.3202, 0.2653, 0.3366**, and the grayscale version is **23.9766, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.5822, 0.3749, 0.3247**, and **8.5955, 0.4239, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **19.0366, 0.4276, 0.3201**, and if you desaturate by 10%, it is **27.9743, 0.3647, 0.3239**.

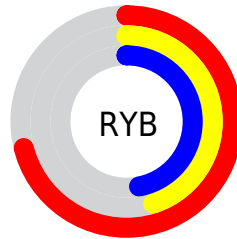
Distribution



Red (71%)

Green (45%)

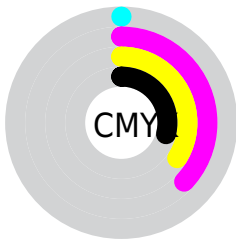
Blue (47%)



Red (71%)

Yellow (45%)

Blue (47%)

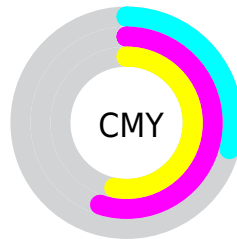


Cyan (0%)

Magenta (37%)

Yellow (34%)

Black (29%)



Cyan (29%)


Magenta (55%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.0698, 0.3931, 0.3219 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 23.0698, 0.3931, 0.3219 by changing the saturation by 10% instead.


 23.0698, 0.3931,
0.3219


 23.0698, 0.3931,
0.3219


268.0833, 0.3479,
0.3268


 14.6451, 0.4064,
0.3200


 48.5079, 0.3753,
0.3241


 8.5707, 0.4249,
0.3172


 66.2901, 0.3690,
0.3248

 4.4622, 0.4522,
0.3123

 87.9602, 0.3639,
0.3253

 1.9353, 0.4962,
0.3029

 113.9026, 0.3596,
0.3257

 0.5695, 0.6682,
0.3057

144.5017, 0.3560,
0.3261

 0.0000, 1.0000,
0.0000

180.1419, 0.3529,


 0.0000, 0.0000,

0.3264


0.0000


221.2077, 0.3502,
0.3266


 23.0698, 0.3931,
0.3219


 23.0698, 0.3931,
0.3219


 19.0366, 0.4276,
0.3201


 27.9743, 0.3647,
0.3239


 15.8206, 0.4679,
0.3188


 33.7934, 0.3416,
0.3259

 13.3669, 0.5126,
0.3184


 40.5715, 0.3230,
0.3278

 11.6125, 0.5576,
0.3192


 48.3493, 0.3081,
0.3296

 10.4842, 0.5971,
0.3215

 57.1648, 0.2961,
0.3312


 9.8827, 0.6248,
0.3248

 67.0543, 0.2863,
0.3327

 9.7358, 0.6317,
0.3253

 78.0523, 0.2784,
0.3340

 88.2582, 0.2715,
0.3320

 88.4450, 0.2701,
0.3289

Harmonies

Analogous

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



23.0698, 0.3513, 0.2864



23.0698, 0.3931, 0.3219



23.0698, 0.4113, 0.3611

Triad

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



23.0698, 0.3931, 0.3219



23.0698, 0.3182, 0.4117



23.0698, 0.2302, 0.2577

Complementary

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



23.0698, 0.3931, 0.3219



39.3202, 0.2653, 0.3366

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.



23.0698, 0.2232, 0.2847



23.0698, 0.3931, 0.3219



23.0698, 0.2715, 0.3775

Square

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



23.0698, 0.3931, 0.3219



23.0698, 0.3656, 0.4171



23.0698, 0.2375, 0.3285



23.0698, 0.2574, 0.2503

Rectangle

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



23.0698, 0.3931, 0.3219



23.0698, 0.4071, 0.3856



23.0698, 0.2375, 0.3285



23.0698, 0.2255, 0.2645

Sweetspot

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



23.0709, 0.3931, 0.3219



67.7850, 0.3309, 0.3269



24.3872, 0.3107, 0.2381



14.2990, 0.3334, 0.3267



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



23.0709, 0.3931, 0.3219



35.7986, 0.4205, 0.3204



30.1183, 0.3853, 0.3689



8.5154, 0.3275, 0.3273



6.7980, 0.6301, 0.3245



0.2173, 0.5917, 0.3033

Inverse Universe

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



23.0709, 0.3931, 0.3219



35.7986, 0.4205, 0.3204



29.4942, 0.2560, 0.2851



8.5154, 0.3275, 0.3273



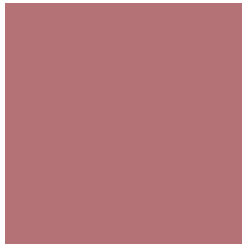
6.7980, 0.6301, 0.3245



0.2173, 0.5917, 0.3033

Previews

White Background



This preview shows how the Yxy color 23.0698, 0.3931, 0.3219 looks on a white background.

Color Contrast Check

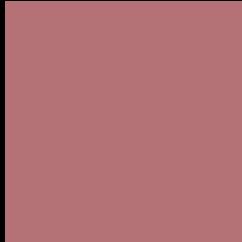
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0698, 0.3931, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

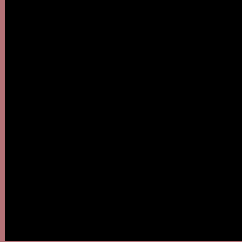
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.0698, 0.3931, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 23.0698, 0.3931, 0.3219.



This preview shows how white text looks on a background with the Yxy color 23.0698, 0.3931, 0.3219.

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

23.0698, 0.3931, 0.3219

Protanopia

23.3217, 0.3205, 0.3342

Deuteranopia

23.3020, 0.3532, 0.3474



Tritanopia

23.1431, 0.3890, 0.3175

Trichromacy



Original Color

23.0698, 0.3931, 0.3219

Protanomaly

22.8233, 0.3458, 0.3291

Deuteranomaly

23.1553, 0.3677, 0.3371

Tritanomaly

23.1184, 0.3904, 0.3190

Monochromacy



Original Color

23.0698, 0.3931, 0.3219

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.3430, 0.3393, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0698, 0.3931, 0.3219 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(180, 114, 119)` looks like.

```
.text, #text, p{  
    color:rgb(180, 114, 119)  
}
```

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(180, 114, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 114, 119) }
```

Border

The CSS property to change the border of an element to Yxy 23.0698, 0.3931, 0.3219 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(180, 114, 119) }
```

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

```
.border{ border-color:rgb(180, 114, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 114, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 114, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 114, 119); box-shadow:4px 4px 4px 4px rgb(180, 114, 119) }
```


Background

The CSS property to change the background color of an element to Yxy 23.0698, 0.3931, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 114, 119) }
```

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

```
.background{ background-color: rgb(180,  
114, 119) }
```

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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