

Converting Colors

$Y_{xy}(23.5556, 0.3212, 0.2497)$

Have a look what the booklet for
Yxy(23.5556, 0.3212, 0.2497)
contains.

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Color

Yxy(23.5591, 0.3212, 0.2497)

Conversions

Conversions Part 1

Format	Color
Hex	AD71A9
RGB	173, 113, 169
RGB Percent	68%, 44%, 66%
CMY	0.3214, 0.5569, 0.3373
CMYK	0.00, 0.35, 0.02, 0.32
HSL	304°, 27%, 56%
HSV	304°, 35%, 68%
XYZ	30.3051, 23.5591, 40.4854
YIQ	137.3240, 17.7840, 30.1360

Conversions

Conversions Part 2

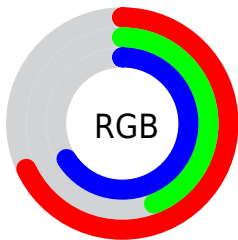
Format	Color
RYB	173, 113, 169
Decimal	11366825
CIELab	55.64, 32.77, -20.29
CIELCh	56, 38.548, 328.235
Yxy	23.5591, 0.3212, 0.2497
Android (android.graphics.Color)	4289556905 (0xFFAD71A9)
YUV	137.3240, 15.6163, 31.2879
Hunter-Lab	48.5377, 26.5076, -15.4775

Details

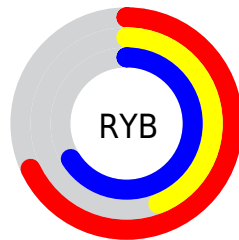
The Yxy color **23.5591, 0.3212, 0.2497** is a light color, and the websafe version is hex **996699**. A complement of this color would be **34.6942, 0.3050, 0.4237**, and the grayscale version is **25.0806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.3123, 0.3200, 0.2657**, and **8.7613, 0.3212, 0.2234** is the 20% darker color. If you saturate the color by 10%, you get **20.0174, 0.3240, 0.2280**, and if you desaturate by 10%, it is **27.8393, 0.3185, 0.2726**.

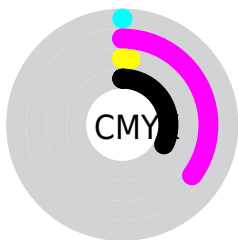
Distribution



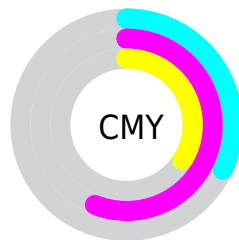
- Red (68%)
- Green (44%)
- Blue (66%)



- Red (68%)
- Yellow (44%)
- Blue (66%)



- Cyan (0%)
- Magenta (35%)
- Yellow (2%)
- Black (32%)





- Cyan (32%)
- Magenta (56%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.5591, 0.3212, 0.2497 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 23.5591, 0.3212, 0.2497 by changing the saturation by 10% instead.


 23.5591, 0.3212,
0.2497


 23.5591, 0.3212,
0.2497


270.5838, 0.3176,
0.2911


 15.0069, 0.3218,
0.2389


 49.3098, 0.3201,
0.2651

 8.8242, 0.3224,
0.2247


 67.2770, 0.3196,
0.2708

 4.6267, 0.3228,
0.2054


 89.1513, 0.3192,
0.2756

 2.0299, 0.3224,
0.1778

 115.3172, 0.3188,
0.2796

 0.6248, 0.3207,
0.1315

146.1590, 0.3184,
0.2831

 0.0000, 0.2766,
0.0000

182.0611, 0.3181,

 0.0000, 0.0000,

0.2861

0.0000

223.4079, 0.3178,
0.2887

■ 23.5591, 0.3212,
0.2497

■ 23.5591, 0.3212,
0.2497

■ 20.0174, 0.3240,
0.2280

■ 27.8393, 0.3185,
0.2726

■ 17.1691, 0.3269,
0.2084

■ 32.8935, 0.3160,
0.2957

■ 14.9691, 0.3297,
0.1917

■ 38.7587, 0.3137,
0.3185

■ 13.3656, 0.3325,
0.1787

■ 45.4686, 0.3117,
0.3405

■ 12.2989, 0.3350,
0.1699

■ 53.0550, 0.3098,
0.3613


 11.6965, 0.3373,
0.1653

 61.5481, 0.3082,
0.3806

 11.4756, 0.3384,
0.1638

 70.9764, 0.3068,
0.3985

 81.3676, 0.3056,
0.4149

 83.6811, 0.3049,
0.4170

Harmonies

Analogous

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



23.5591, 0.2574, 0.2280



23.5591, 0.3212, 0.2497



23.5591, 0.3894, 0.2879

Triad

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



23.5591, 0.3212, 0.2497



23.5591, 0.4151, 0.4317



23.5591, 0.2021, 0.3016

Complementary

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



23.5591, 0.3212, 0.2497



34.6942, 0.3050, 0.4237

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.



23.5591, 0.2365, 0.3711



23.5591, 0.3212, 0.2497



23.5591, 0.3588, 0.4531

Square

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



23.5591, 0.3212, 0.2497



23.5591, 0.4455, 0.3873



23.5591, 0.2933, 0.4321



23.5591, 0.1947, 0.2512

Rectangle

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



23.5591, 0.3212, 0.2497



23.5591, 0.4250, 0.3195



23.5591, 0.2933, 0.4321



23.5591, 0.2106, 0.3235

Sweetspot

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



23.5601, 0.3212, 0.2497



63.4555, 0.3149, 0.3061



18.6074, 0.2552, 0.2285



13.4858, 0.3153, 0.3030



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



23.5601, 0.3212, 0.2497



36.9826, 0.3235, 0.2321



22.5599, 0.3579, 0.2904



8.1387, 0.3147, 0.3081



8.4304, 0.3382, 0.1637



0.2372, 0.3325, 0.1605

Inverse Universe

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



23.5601, 0.3212, 0.2497



36.9826, 0.3235, 0.2321



35.5163, 0.2827, 0.3716



8.1387, 0.3147, 0.3081



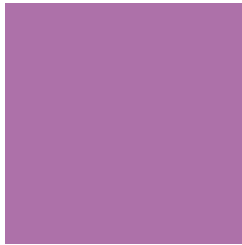
8.4304, 0.3382, 0.1637



0.2372, 0.3325, 0.1605

Previews

White Background



This preview shows how the Yxy color 23.5591, 0.3212, 0.2497 looks on a white background.

Color Contrast Check

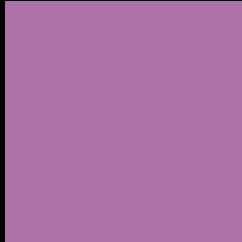
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5591, 0.3212, 0.2497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

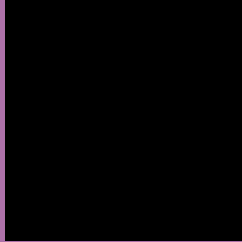
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.5591, 0.3212, 0.2497

Background



This preview shows how black text looks on a background with the Yxy color 23.5591, 0.3212, 0.2497.



This preview shows how white text looks on a background with the Yxy color 23.5591, 0.3212, 0.2497.

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

23.5591, 0.3212, 0.2497

Protanopia

23.8434, 0.2533, 0.2474

Deuteranopia

23.7316, 0.2772, 0.2718



Tritanopia

23.6113, 0.3608, 0.3153

Trichromacy



Original Color

23.5591, 0.3212, 0.2497

Protanomaly

23.3706, 0.2749, 0.2469

Deuteranomaly

23.3163, 0.2924, 0.2619

Tritanomaly

23.5165, 0.3466, 0.2901

Monochromacy



Original Color

23.5591, 0.3212, 0.2497

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.0923, 0.3154, 0.2955

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.5591, 0.3212, 0.2497 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(173, 113, 169)` looks like.

```
.text, #text, p{  
    color:rgb(173, 113, 169)  
}
```

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(173, 113, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 113, 169) }
```

Border

The CSS property to change the border of an element to Yxy 23.5591, 0.3212, 0.2497 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(173, 113, 169) }
```

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

```
.border{ border-color:rgb(173, 113, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 113, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 113, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 113, 169);  
box-shadow:4px 4px 4px 4px rgb(173, 113,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 23.5591, 0.3212, 0.2497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 113, 169) }
```

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

```
.background{ background-color: rgb(173,  
113, 169) }
```

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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