

Converting Colors

$Y_{xy}(23.7225, 0.3565, 0.2972)$

Have a look what the booklet for
Yxy(23.7225, 0.3565, 0.2972)
contains.

Yxy(23.7052, 0.3565, 0.2979)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.7052, 0.3565, 0.2979)

Conversions

Conversions Part 1

Format	Color
Hex	AD768B
RGB	173, 118, 139
RGB Percent	68%, 46%, 55%
CMY	0.3216, 0.5372, 0.4550
CMYK	0.00, 0.32, 0.20, 0.32
HSL	337°, 25%, 57%
HSV	337°, 32%, 68%
XYZ	28.3683, 23.7052, 27.5009
YIQ	136.8390, 26.0390, 18.1910

Conversions

Conversions Part 2

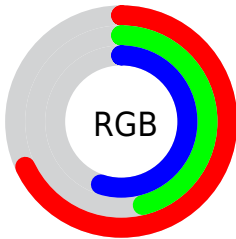
Format	Color
R _Y B	173, 118, 139
Decimal	11368075
CIE Lab	55.79, 24.70, -2.64
CIE LCh	56, 24.840, 353.889
Yxy	23.7052, 0.3565, 0.2979
Android (android.graphics.Color)	4289558155 (0xFFAD768B)
YUV	136.8390, 1.0654, 31.7132
Hunter-Lab	48.6880, 18.7998, 0.5923

Details

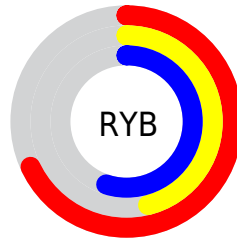
The Yxy color **23.7052, 0.3565, 0.2979** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **36.0000, 0.2829, 0.3627**, and the grayscale version is **24.9412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.5896, 0.3471, 0.3053**, and **8.8995, 0.3722, 0.2871** is the 20% darker color. If you saturate the color by 10%, you get **19.7008, 0.3766, 0.2879**, and if you desaturate by 10%, it is **28.4896, 0.3397, 0.3081**.

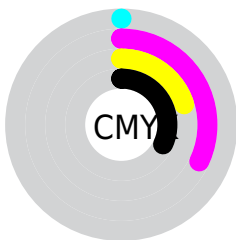
Distribution



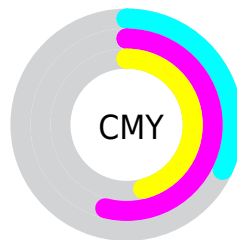
- Red (68%)
- Green (46%)
- Blue (55%)



- Red (68%)
- Yellow (46%)
- Blue (55%)



- Cyan (0%)
- Magenta (32%)
- Yellow (20%)
- Black (32%)




- Cyan (32%)
- Magenta (54%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.7052, 0.3565, 0.2979 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 23.7052, 0.3565, 0.2979 by changing the saturation by 10% instead.

 23.7052, 0.3565,
0.2979


 23.7052, 0.3565,
0.2979


271.3267, 0.3323,
0.3149


 15.1151, 0.3635,
0.2931


 49.5487, 0.3471,
0.3045

 8.9002, 0.3730,
0.2865


 67.5709, 0.3437,
0.3068

 4.6761, 0.3870,
0.2770


 89.5059, 0.3410,
0.3088

 2.0585, 0.4094,
0.2620

115.7380, 0.3387,
0.3104

 0.6411, 0.4544,
0.2295

146.6518, 0.3367,
0.3118

 0.0000, 1.0000,
0.0000

182.6316, 0.3350,

 0.0000, 0.0000,

0.3130

0.0000

224.0617, 0.3336,
0.3140

■ 23.7052, 0.3565,
0.2979

■ 23.7052, 0.3565,
0.2979

■ 19.7008, 0.3766,
0.2879

■ 28.4896, 0.3397,
0.3081

■ 16.4312, 0.4002,
0.2786

■ 34.0892, 0.3259,
0.3180

■ 13.8519, 0.4274,
0.2711

■ 40.5412, 0.3145,
0.3274


■ 11.9120, 0.4574,
0.2666


■ 47.8794, 0.3052,
0.3362


■ 10.5535, 0.4890,
0.2661

■ 56.1359, 0.2975,
0.3442


 9.7075, 0.5200,
0.2706

 65.3410, 0.2912,
0.3517

 9.2754, 0.5441,
0.2771

 75.5238, 0.2859,
0.3584

 85.8152, 0.2815,
0.3631

 86.4161, 0.2761,
0.3508

Harmonies

Analogous

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



23.7052, 0.3127, 0.2725



23.7052, 0.3565, 0.2979



23.7052, 0.3893, 0.3311

Triad

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



23.7052, 0.3565, 0.2979



23.7052, 0.3508, 0.4076



23.7052, 0.2328, 0.2832

Complementary

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



23.7052, 0.3565, 0.2979



36.0000, 0.2829, 0.3627

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.



23.7052, 0.2414, 0.3192



23.7052, 0.3565, 0.2979



23.7052, 0.3080, 0.3962

Square

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



23.7052, 0.3565, 0.2979



23.7052, 0.3849, 0.3947



23.7052, 0.2682, 0.3622



23.7052, 0.2434, 0.2628

Rectangle

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



23.7052, 0.3565, 0.2979



23.7052, 0.3990, 0.3546



23.7052, 0.2682, 0.3622



23.7052, 0.2335, 0.2937

Sweetspot

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



23.7063, 0.3565, 0.2979



62.8127, 0.3239, 0.3195



22.6437, 0.2927, 0.2459



13.3285, 0.3256, 0.3182



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.



23.7063, 0.3565, 0.2979



37.3792, 0.3699, 0.2909



24.7133, 0.3807, 0.3389



8.0640, 0.3229, 0.3204



6.8262, 0.5414, 0.2756



0.2008, 0.4600, 0.2307

Inverse Universe

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



23.7063, 0.3565, 0.2979



37.3792, 0.3699, 0.2909



34.3487, 0.2669, 0.3188



8.0640, 0.3229, 0.3204



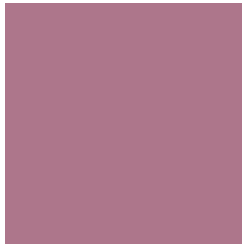
6.8262, 0.5414, 0.2756



0.2008, 0.4600, 0.2307

Previews

White Background



This preview shows how the Yxy color 23.7052, 0.3565, 0.2979 looks on a white background.

Color Contrast Check

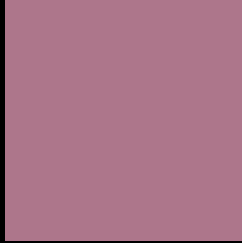
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.7052, 0.3565, 0.2979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

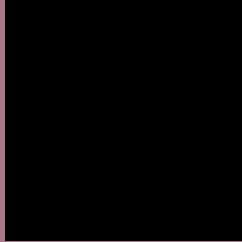
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.7052, 0.3565, 0.2979

Background



This preview shows how black text looks on a background with the Yxy color 23.7052, 0.3565, 0.2979.



This preview shows how white text looks on a background with the Yxy color 23.7052, 0.3565, 0.2979.

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

23.7052, 0.3565, 0.2979

Protanopia

23.8187, 0.2963, 0.3036

Deuteranopia

23.8824, 0.3237, 0.3175



Tritanopia

23.7886, 0.3674, 0.3156

Trichromacy



Original Color

23.7052, 0.3565, 0.2979

Protanomaly

23.6857, 0.3163, 0.3014

Deuteranomaly

23.8246, 0.3351, 0.3099

Tritanomaly

23.6578, 0.3626, 0.3081

Monochromacy



Original Color

23.7052, 0.3565, 0.2979

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.2843, 0.3273, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.7052, 0.3565, 0.2979 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, 118, 139)` looks like.

```
.text, #text, p{  
    color:rgb(173, 118, 139)  
}
```

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, 118, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 118, 139) }
```

Border

The CSS property to change the border of an element to Yxy 23.7052, 0.3565, 0.2979 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, 118, 139) }
```

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

```
.border{ border-color:rgb(173, 118, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 118, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 118, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 118, 139);  
box-shadow:4px 4px 4px 4px rgb(173, 118,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 23.7052, 0.3565, 0.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 118, 139) }
```

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

```
.background{ background-color: rgb(173,  
118, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor