

Converting Colors

$Y_{xy}(22.9458, 0.3372, 0.2682)$

Have a look what the booklet for
Yxy(22.9458, 0.3372, 0.2682)
contains.

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Color

Yxy(22.9475, 0.3365, 0.2678)

Conversions

Conversions Part 1

Format	Color
Hex	AC719B
RGB	172, 113, 155
RGB Percent	67%, 44%, 61%
CMY	0.3255, 0.5568, 0.3923
CMYK	0.00, 0.34, 0.10, 0.33
HSL	317°, 26%, 56%
HSV	317°, 34%, 67%
XYZ	28.8343, 22.9475, 33.9071
YIQ	135.4290, 21.6820, 25.5700

Conversions

Conversions Part 2

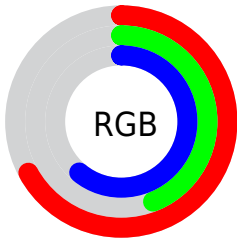
Format	Color
R_{YB}	172, 113, 155
Decimal	11301275
CIE _{Lab}	55.02, 29.85, -13.12
CIE _{LCh}	55, 32.607, 336.278
Yxy	22.9475, 0.3365, 0.2678
Android (android.graphics.Color)	4289491355 (0xFFAC719B)
YUV	135.4290, 9.6485, 32.0728
Hunter-Lab	47.9035, 23.6124, -8.4342

Details

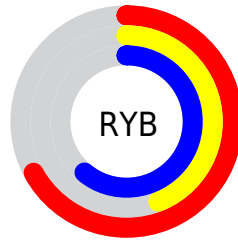
The Yxy color $22.9475, 0.3365, 0.2678$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $34.6327, 0.2952, 0.3995$, and the grayscale version is $24.3540, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.3699, 0.3319, 0.2810$, and $8.5882, 0.3446, 0.2478$ is the 20% darker color. If you saturate the color by 10%, you get $19.3038, 0.3458, 0.2502$, and if you desaturate by 10%, it is $27.3276, 0.3283, 0.2860$.

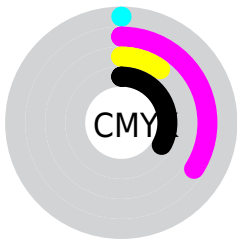
Distribution



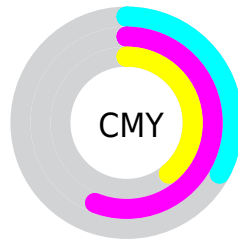
- Red (67%)
- Green (44%)
- Blue (61%)



- Red (67%)
- Yellow (44%)
- Blue (61%)



- Cyan (0%)
- Magenta (34%)
- Yellow (10%)
- Black (33%)




- Cyan (33%)
- Magenta (56%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.9475, 0.3365, 0.2678 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 22.9475, 0.3365, 0.2678 by changing the saturation by 10% instead.


 22.9475, 0.3365,
0.2678


 22.9475, 0.3365,
0.2678


267.4552, 0.3240,
0.3004


 14.5547, 0.3398,
0.2590


 48.3071, 0.3318,
0.2801

 8.5075, 0.3443,
0.2472


 66.0428, 0.3301,
0.2846

 4.4214, 0.3504,
0.2309


 87.6615, 0.3286,
0.2883

 1.9120, 0.3593,
0.2065

 113.5477, 0.3274,
0.2915

 0.5555, 0.3774,
0.1578

144.0858, 0.3264,
0.2942

 0.0000, 0.3925,
0.0000

179.6601, 0.3255,

 0.0000, 0.0000,

0.2965

0.0000

220.6552, 0.3247,
0.2986

■ 22.9475, 0.3365,
0.2678

■ 22.9475, 0.3365,
0.2678

■ 19.3038, 0.3458,
0.2502

■ 27.3276, 0.3283,
0.2860

■ 16.3520, 0.3562,
0.2339

■ 32.4789, 0.3212,
0.3041

■ 14.0478, 0.3674,
0.2202


■ 38.4379, 0.3151,
0.3217

■ 12.3403, 0.3793,
0.2098


■ 45.2379, 0.3099,
0.3384


■ 11.1710, 0.3913,
0.2038

■ 52.9102, 0.3055,
0.3540

 10.4695, 0.4031,
0.2026

 61.4844, 0.3019,
0.3685

 10.1854, 0.4098,
0.2031

 70.9889, 0.2988,
0.3819

 81.4508, 0.2963,
0.3942

 84.4467, 0.2937,
0.3927

Harmonies

Analogous

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



22.9475, 0.2789, 0.2443



22.9475, 0.3365, 0.2678



22.9475, 0.3917, 0.3047

Triad

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



22.9475, 0.3365, 0.2678



22.9475, 0.3904, 0.4254



22.9475, 0.2126, 0.2928

Complementary

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



22.9475, 0.3365, 0.2678



34.6327, 0.2952, 0.3995

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.



22.9475, 0.2370, 0.3489



22.9475, 0.3365, 0.2678



22.9475, 0.3386, 0.4331

Square

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



22.9475, 0.3365, 0.2678



22.9475, 0.4229, 0.3923



22.9475, 0.2824, 0.4043



22.9475, 0.2121, 0.2545

Rectangle

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



22.9475, 0.3365, 0.2678



22.9475, 0.4170, 0.3337



22.9475, 0.2824, 0.4043



22.9475, 0.2181, 0.3101

Sweetspot

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



22.9485, 0.3365, 0.2678



63.1914, 0.3185, 0.3115



19.5140, 0.2692, 0.2333



13.4210, 0.3194, 0.3091



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.



22.9485, 0.3365, 0.2678



36.5909, 0.3433, 0.2546



22.0838, 0.3742, 0.3098



8.1080, 0.3180, 0.3130



7.5885, 0.4087, 0.2025



0.2200, 0.3766, 0.1848

Inverse Universe

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



22.9485, 0.3365, 0.2678



36.5909, 0.3433, 0.2546



35.5308, 0.2739, 0.3495



8.1080, 0.3180, 0.3130



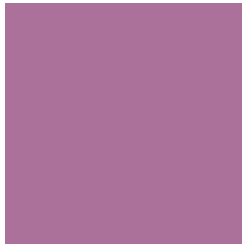
7.5885, 0.4087, 0.2025



0.2200, 0.3766, 0.1848

Previews

White Background



This preview shows how the Yxy color 22.9475, 0.3365, 0.2678 looks on a white background.

Color Contrast Check

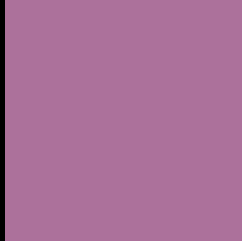
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9475, 0.3365, 0.2678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

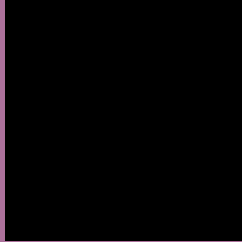
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.9475, 0.3365, 0.2678

Background



This preview shows how black text looks on a background with the Yxy color 22.9475, 0.3365, 0.2678.



This preview shows how white text looks on a background with the Yxy color 22.9475, 0.3365, 0.2678.

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

22.9475, 0.3365, 0.2678

Protanopia

23.2336, 0.2695, 0.2692

Deuteranopia

23.1184, 0.2955, 0.2906



Tritanopia

22.9242, 0.3669, 0.3154

Trichromacy



Original Color

22.9475, 0.3365, 0.2678

Protanomaly

22.7224, 0.2909, 0.2665

Deuteranomaly

22.7617, 0.3091, 0.2809

Tritanomaly

22.8430, 0.3559, 0.2974

Monochromacy



Original Color

22.9475, 0.3365, 0.2678

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.4276, 0.3209, 0.3046

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9475, 0.3365, 0.2678 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(172, 113, 155)` looks like.

```
.text, #text, p{  
    color:rgb(172, 113, 155)  
}
```

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(172, 113, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 113, 155) }
```

Border

The CSS property to change the border of an element to Yxy 22.9475, 0.3365, 0.2678 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(172, 113, 155) }
```

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

```
.border{ border-color:rgb(172, 113, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 113, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 113, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 113, 155);  
box-shadow:4px 4px 4px 4px rgb(172, 113,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9475, 0.3365, 0.2678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 113, 155) }
```

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

```
.background{ background-color: rgb(172,  
113, 155) }
```

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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