

Converting Colors

$Y_{xy}(22.6894, 0.3495, 0.2904)$

Have a look what the booklet for
Yxy(22.6894, 0.3495, 0.2904)
contains.

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Color

Yxy(22.6196, 0.3498, 0.2898)

Conversions

Conversions Part 1

Format	Color
Hex	A9738D
RGB	169, 115, 141
RGB Percent	66%, 45%, 55%
CMY	0.3372, 0.5490, 0.4470
CMYK	0.00, 0.32, 0.17, 0.34
HSL	331°, 24%, 56%
HSV	331°, 32%, 66%
XYZ	27.3027, 22.6196, 28.1301
YIQ	134.1100, 23.8380, 19.5340

Conversions

Conversions Part 2

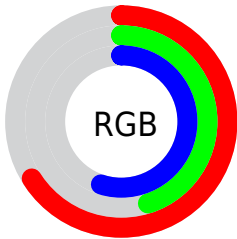
Format	Color
R_{YB}	169, 115, 141
Decimal	11105165
CIE _{Lab}	54.68, 25.26, -5.52
CIE _{LCh}	55, 25.856, 347.672
Yxy	22.6196, 0.3498, 0.2898
Android (android.graphics.Color)	4289295245 (0xFFA9738D)
YUV	134.1100, 3.3968, 30.5985
Hunter-Lab	47.5601, 19.2411, -1.7759

Details

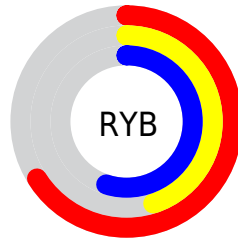
The Yxy color **22.6196, 0.3498, 0.2898** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **34.0075, 0.2869, 0.3721**, and the grayscale version is **23.8642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.9529, 0.3413, 0.2981**, and **8.3648, 0.3639, 0.2758** is the 20% darker color. If you saturate the color by 10%, you get **18.8625, 0.3663, 0.2773**, and if you desaturate by 10%, it is **27.1061, 0.3358, 0.3025**.

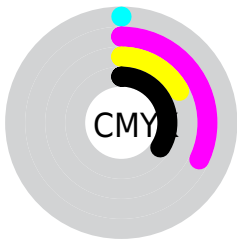
Distribution



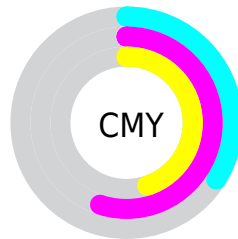
- Red (66%)
- Green (45%)
- Blue (55%)



- Red (66%)
- Yellow (45%)
- Blue (55%)



- Cyan (0%)
- Magenta (32%)
- Yellow (17%)
- Black (34%)





- Cyan (34%)
- Magenta (55%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.6196, 0.3498, 0.2898 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 22.6196, 0.3498, 0.2898 by changing the saturation by 10% instead.


 22.6196, 0.3498,
0.2898


 22.6196, 0.3498,
0.2898


265.7651, 0.3293,
0.3112

 14.3129, 0.3557,
0.2838


 47.7680, 0.3418,
0.2980

 8.3386, 0.3637,
0.2756


 65.3784, 0.3390,
0.3010

 4.3124, 0.3755,
0.2639


 86.8588, 0.3367,
0.3034

 1.8498, 0.3943,
0.2456

 112.5937, 0.3347,
0.3055

 0.5179, 0.4367,
0.1987

142.9673, 0.3331,
0.3072

 0.0000, 1.0000,
0.0000

178.3642, 0.3317,

 0.0000, 0.0000,

0.3087

0.0000

219.1687, 0.3304,
0.3100

■ 22.6196, 0.3498,
0.2898

■ 22.6196, 0.3498,
0.2898

■ 18.8625, 0.3663,
0.2773

■ 27.1061, 0.3358,
0.3025

■ 15.7925, 0.3856,
0.2656

■ 32.3550, 0.3241,
0.3149

■ 13.3678, 0.4075,
0.2558


■ 38.4011, 0.3144,
0.3268


■ 11.5407, 0.4315,
0.2491


■ 45.2762, 0.3064,
0.3378


■ 10.2567, 0.4569,
0.2465

■ 53.0102, 0.2997,
0.3481


 9.4513, 0.4823,
0.2491

 61.6315, 0.2942,
0.3576

 9.0362, 0.5023,
0.2541

 71.1675, 0.2897,
0.3662

 81.6440, 0.2859,
0.3742

 85.1162, 0.2818,
0.3689

Harmonies

Analogous

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



22.6196, 0.3029, 0.2655



22.6196, 0.3498, 0.2898



22.6196, 0.3882, 0.3234

Triad

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



22.6196, 0.3498, 0.2898



22.6196, 0.3614, 0.4112



22.6196, 0.2288, 0.2872

Complementary

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



22.6196, 0.3498, 0.2898



34.0075, 0.2869, 0.3721

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.



22.6196, 0.2419, 0.3278



22.6196, 0.3498, 0.2898



22.6196, 0.3171, 0.4052

Square

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



22.6196, 0.3498, 0.2898



22.6196, 0.3941, 0.3929



22.6196, 0.2735, 0.3731



22.6196, 0.2358, 0.2621

Rectangle

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



22.6196, 0.3498, 0.2898



22.6196, 0.4021, 0.3481



22.6196, 0.2735, 0.3731



22.6196, 0.2309, 0.2993

Sweetspot

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



22.6206, 0.3498, 0.2898



59.7581, 0.3223, 0.3171



20.9572, 0.2866, 0.2441



12.7242, 0.3237, 0.3155



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



22.6206, 0.3498, 0.2898



35.8439, 0.3606, 0.2813



22.1413, 0.3836, 0.3306



7.6002, 0.3213, 0.3182



6.7445, 0.4999, 0.2528



0.1745, 0.4263, 0.2122

Inverse Universe

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



22.6206, 0.3498, 0.2898



35.8439, 0.3606, 0.2813



34.5555, 0.2677, 0.3274



7.6002, 0.3213, 0.3182



6.7445, 0.4999, 0.2528



0.1745, 0.4263, 0.2122

Previews

White Background



This preview shows how the Yxy color 22.6196, 0.3498, 0.2898 looks on a white background.

Color Contrast Check

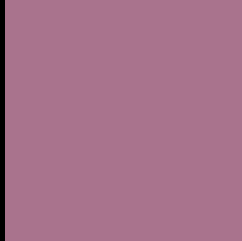
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.6196, 0.3498, 0.2898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

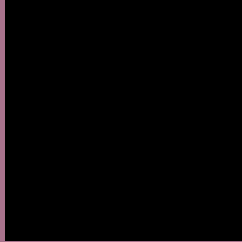
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.6196, 0.3498, 0.2898

Background



This preview shows how black text looks on a background with the Yxy color 22.6196, 0.3498, 0.2898.



This preview shows how white text looks on a background with the Yxy color 22.6196, 0.3498, 0.2898.

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

22.6196, 0.3498, 0.2898

Protanopia

22.7888, 0.2890, 0.2931

Deuteranopia

22.6183, 0.3148, 0.3087



Tritanopia

22.7047, 0.3644, 0.3152

Trichromacy



Original Color

22.6196, 0.3498, 0.2898

Protanomaly

22.6135, 0.3097, 0.2927

Deuteranomaly

22.6387, 0.3273, 0.3014

Tritanomaly

22.7134, 0.3595, 0.3061

Monochromacy



Original Color

22.6196, 0.3498, 0.2898

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.1879, 0.3253, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.6196, 0.3498, 0.2898 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(169, 115, 141)` looks like.

```
.text, #text, p{  
    color:rgb(169, 115, 141)  
}
```

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(169, 115, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 115, 141) }
```

Border

The CSS property to change the border of an element to Yxy 22.6196, 0.3498, 0.2898 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(169, 115, 141) }
```

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

```
.border{ border-color:rgb(169, 115, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 115, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 115, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 115, 141);  
box-shadow:4px 4px 4px 4px rgb(169, 115,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 22.6196, 0.3498, 0.2898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 115, 141) }
```

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

```
.background{ background-color: rgb(169,  
115, 141) }
```

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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