

Converting Colors

$Y_{xy}(22.4065, 0.3062, 0.2502)$

Have a look what the booklet for
Yxy(22.4065, 0.3062, 0.2502)
contains.

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Color

Yxy(22.4595, 0.3059, 0.2499)

Conversions

Conversions Part 1

Format	Color
Hex	9F73A8
RGB	159, 115, 168
RGB Percent	62%, 45%, 66%
CMY	0.3765, 0.5490, 0.3413
CMYK	0.05, 0.32, 0.00, 0.34
HSL	290°, 23%, 55%
HSV	290°, 32%, 66%
XYZ	27.4924, 22.4595, 39.9220
YIQ	134.1980, 9.2110, 25.8110

Conversions

Conversions Part 2

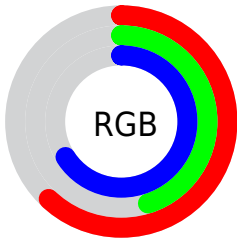
Format	Color
R_{YB}	159, 115, 168
Decimal	10449832
CIE _{Lab}	54.51, 26.74, -21.58
CIE _{LCh}	55, 34.361, 321.104
Yxy	22.4595, 0.3059, 0.2499
Android (android.graphics.Color)	4288639912 (0xFF9F73A8)
YUV	134.1980, 16.6644, 21.7514
Hunter-Lab	47.3915, 20.6153, -16.7712

Details

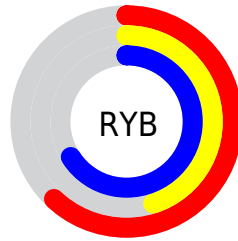
The Yxy color $22.4595, 0.3059, 0.2499$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $33.5222, 0.3165, 0.4175$, and the grayscale version is $23.8519, 0.3127, 0.3290$.

A 20% lighter version of the original color is $47.2613, 0.3080, 0.2653$, and $8.2832, 0.3019, 0.2240$ is the 20% darker color. If you saturate the color by 10%, you get $18.6833, 0.3028, 0.2246$, and if you desaturate by 10%, it is $26.9425, 0.3085, 0.2756$.

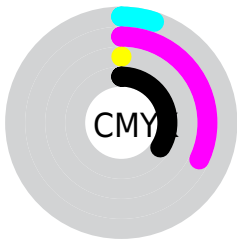
Distribution



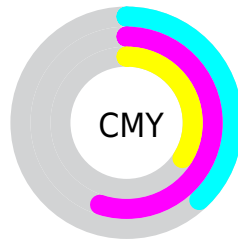
- Red (62%)
- Green (45%)
- Blue (66%)



- Red (62%)
- Yellow (45%)
- Blue (66%)



- Cyan (5%)
- Magenta (32%)
- Yellow (0%)
- Black (34%)





- Cyan (38%)
- Magenta (55%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.4595, 0.3059, 0.2499 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 22.4595, 0.3059, 0.2499 by changing the saturation by 10% instead.


 22.4595, 0.3059,
0.2499


 22.4595, 0.3059,
0.2499


264.9366, 0.3106,
0.2916


 14.1949, 0.3042,
0.2388


 47.5043, 0.3080,
0.2656


 8.2564, 0.3016,
0.2242


 65.0533, 0.3086,
0.2713

 4.2594, 0.2975,
0.2041


 86.4659, 0.3092,
0.2761

 1.8197, 0.2901,
0.1752

 112.1265, 0.3096,
0.2802

 0.4994, 0.2782,
0.1197

142.4194, 0.3099,
0.2836

 0.0000, 0.0816,
0.0000

177.7292, 0.3102,

 0.0000, 0.0000,

0.2867

0.0000

218.4401, 0.3104,
0.2893

■ 22.4595, 0.3059,
0.2499

■ 22.4595, 0.3059,
0.2499

■ 18.6833, 0.3028,
0.2246

■ 26.9425, 0.3085,
0.2756

■ 15.5729, 0.2993,
0.2006

■ 32.1646, 0.3107,
0.3010

■ 13.0878, 0.2953,
0.1790

■ 38.1593, 0.3125,
0.3254

■ 11.1816, 0.2911,
0.1607

■ 44.9576, 0.3139,
0.3484

■ 9.8016, 0.2867,
0.1465

■ 52.5885, 0.3149,
0.3698

■ 8.8851, 0.2823,
0.1366

■ 61.0797, 0.3157,
0.3895

■ 8.3537, 0.2786,
0.1308

■ 70.4574, 0.3162,
0.4075

■ 80.7470, 0.3166,
0.4239

■ 84.6191, 0.3178,
0.4286

Harmonies

Analogous

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



22.4595, 0.2510, 0.2343



22.4595, 0.3059, 0.2499



22.4595, 0.3685, 0.2822

Triad

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



22.4595, 0.3059, 0.2499



22.4595, 0.4156, 0.4151



22.4595, 0.2169, 0.3188

Complementary

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



22.4595, 0.3059, 0.2499



33.5222, 0.3165, 0.4175

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.



22.4595, 0.2544, 0.3819



22.4595, 0.3059, 0.2499



22.4595, 0.3690, 0.4398

Square

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



22.4595, 0.3059, 0.2499



22.4595, 0.4350, 0.3725



22.4595, 0.3099, 0.4298



22.4595, 0.2038, 0.2674

Rectangle

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



22.4595, 0.3059, 0.2499



22.4595, 0.4043, 0.3102



22.4595, 0.3099, 0.4298



22.4595, 0.2268, 0.3396

Sweetspot

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



22.4605, 0.3059, 0.2499



60.8276, 0.3112, 0.3069



21.0700, 0.2599, 0.2555



12.9399, 0.3109, 0.3034



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.



22.4605, 0.3059, 0.2499



35.7286, 0.3037, 0.2317



22.8287, 0.3358, 0.2750



7.6012, 0.3112, 0.3066



6.3293, 0.2790, 0.1311



0.1705, 0.2938, 0.1392

Inverse Universe

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



22.0431, 0.3706, 0.3153



34.9113, 0.3899, 0.3121



33.3040, 0.2954, 0.3901



7.5623, 0.3260, 0.3252



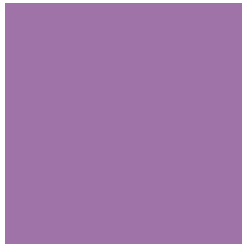
6.3573, 0.6115, 0.3142



0.1605, 0.5350, 0.2721

Previews

White Background



This preview shows how the Yxy color 22.4595, 0.3059, 0.2499 looks on a white background.

Color Contrast Check

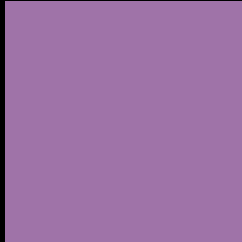
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4595, 0.3059, 0.2499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

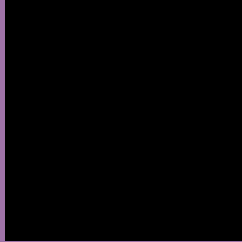
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.4595, 0.3059, 0.2499

Background



This preview shows how black text looks on a background with the Yxy color 22.4595, 0.3059, 0.2499.



This preview shows how white text looks on a background with the Yxy color 22.4595, 0.3059, 0.2499.

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

22.4595, 0.3059, 0.2499

Protanopia

22.6279, 0.2538, 0.2487

Deuteranopia

22.5149, 0.2727, 0.2673



Tritanopia

22.4550, 0.3406, 0.3128

Trichromacy



Original Color

22.4595, 0.3059, 0.2499

Protanomaly

22.3768, 0.2712, 0.2491

Deuteranomaly

22.2375, 0.2836, 0.2598

Tritanomaly

22.3059, 0.3281, 0.2879

Monochromacy



Original Color

22.4595, 0.3059, 0.2499

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.0937, 0.3107, 0.2977

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.4595, 0.3059, 0.2499 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(159, 115, 168)` looks like.

```
.text, #text, p{  
    color:rgb(159, 115, 168)  
}
```

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(159, 115, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 115, 168) }
```

Border

The CSS property to change the border of an element to Yxy 22.4595, 0.3059, 0.2499 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(159, 115, 168) }
```

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

```
.border{ border-color:rgb(159, 115, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 115, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 115, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 115, 168);  
box-shadow:4px 4px 4px 4px rgb(159, 115,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 22.4595, 0.3059, 0.2499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 115, 168) }
```

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

```
.background{ background-color: rgb(159,  
115, 168) }
```

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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