

Converting Colors

$Y_{xy}(24.9783, 0.3177, 0.2893)$

Have a look what the booklet for
Yxy(24.9783, 0.3177, 0.2893)
contains.

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Color

Yxy(24.9395, 0.3180, 0.2889)

Conversions

Conversions Part 1

Format	Color
Hex	9D809A
RGB	157, 128, 154
RGB Percent	62%, 50%, 60%
CMY	0.3844, 0.4980, 0.3961
CMYK	0.00, 0.18, 0.02, 0.38
HSL	306°, 13%, 56%
HSV	306°, 18%, 62%
XYZ	27.4516, 24.9395, 33.9346
YIQ	139.6350, 8.9380, 14.2340

Conversions

Conversions Part 2

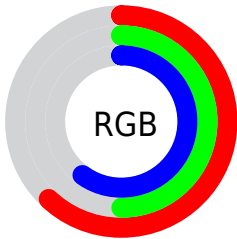
Format	Color
R_{YB}	157, 128, 154
Decimal	10322074
CIE _{Lab}	57.02, 15.78, -9.71
CIE _{LCh}	57, 18.528, 328.398
Yxy	24.9395, 0.3180, 0.2889
Android (android.graphics.Color)	4288512154 (0xFF9D809A)
YUV	139.6350, 7.0819, 15.2291
Hunter-Lab	49.9395, 10.7269, -5.3309

Details

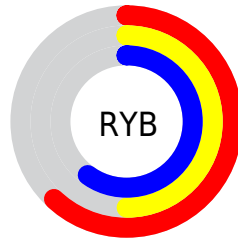
The Yxy color $24.9395, 0.3180, 0.2889$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $30.3333, 0.3078, 0.3727$, and the grayscale version is $26.0456, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.5989, 0.3175, 0.2976$, and $9.5745, 0.3186, 0.2756$ is the 20% darker color. If you saturate the color by 10%, you get $21.1034, 0.3213, 0.2667$, and if you desaturate by 10%, it is $29.4120, 0.3150, 0.3109$.

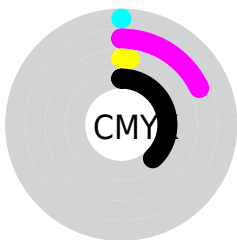
Distribution



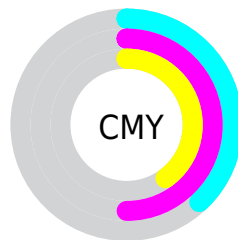
- Red (62%)
- Green (50%)
- Blue (60%)



- Red (62%)
- Yellow (50%)
- Blue (60%)



- Cyan (0%)
- Magenta (18%)
- Yellow (2%)
- Black (38%)





- Cyan (38%)
- Magenta (50%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9395, 0.3180, 0.2889 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 24.9395, 0.3180, 0.2889 by changing the saturation by 10% instead.


 24.9395, 0.3180,
0.2889


 24.9395, 0.3180,
0.2889


277.5365, 0.3154,
0.3104


 16.0320, 0.3186,
0.2830


 51.5591, 0.3170,
0.2971

 9.5468, 0.3195,
0.2751


 70.0399, 0.3167,
0.3001

 5.0995, 0.3205,
0.2639


 92.4806, 0.3164,
0.3025

 2.3058, 0.3218,
0.2470

119.2656, 0.3161,
0.3046

 0.7768, 0.3236,
0.2174

150.7793, 0.3159,
0.3064

 0.0000, 0.1826,
0.0000

187.4061, 0.3157,

 0.0000, 0.0000,

0.3079

0.0000

229.5304, 0.3155,
0.3092

■ 24.9395, 0.3180,
0.2889

■ 24.9395, 0.3180,
0.2889

■ 21.1034, 0.3213,
0.2667

■ 29.4120, 0.3150,
0.3109

■ 17.8715, 0.3249,
0.2450

■ 34.5448, 0.3123,
0.3323

■ 15.2135, 0.3288,
0.2246

■ 40.3646, 0.3100,
0.3525

■ 13.0952, 0.3327,
0.2064

■ 46.8957, 0.3079,
0.3715

■ 11.4791, 0.3367,
0.1913

■ 54.1609, 0.3062,
0.3891

■ 10.3225, 0.3406,
0.1801

■ 62.1825, 0.3047,
0.4053

■ 9.5758, 0.3443,
0.1731

■ 70.9814, 0.3034,
0.4201

■ 9.1433, 0.3477,
0.1697

■ 80.5778, 0.3023,
0.4335

■ 9.0828, 0.3483,
0.1692

■ 81.5322, 0.3014,
0.4329

Harmonies

Analogous

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



24.9395, 0.2867, 0.2777



24.9395, 0.3180, 0.2889



24.9395, 0.3493, 0.3095

Triad

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



24.9395, 0.3180, 0.2889



24.9395, 0.3631, 0.3801



24.9395, 0.2577, 0.3180

Complementary

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



24.9395, 0.3180, 0.2889



30.3333, 0.3078, 0.3727

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.



24.9395, 0.2763, 0.3487



24.9395, 0.3180, 0.2889



24.9395, 0.3369, 0.3859

Square

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



24.9395, 0.3180, 0.2889



24.9395, 0.3759, 0.3610



24.9395, 0.3050, 0.3745



24.9395, 0.2532, 0.2927

Rectangle

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



24.9395, 0.3180, 0.2889



24.9395, 0.3653, 0.3265



24.9395, 0.3050, 0.3745



24.9395, 0.2625, 0.3281

Sweetspot

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



24.9406, 0.3180, 0.2889



54.7308, 0.3143, 0.3160



22.6942, 0.2862, 0.2806



11.9288, 0.3145, 0.3147



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



24.9406, 0.3180, 0.2889



41.8162, 0.3193, 0.2801



24.4894, 0.3340, 0.3107



6.7428, 0.3152, 0.3092



7.3830, 0.3480, 0.1691



0.1351, 0.3359, 0.1624

Inverse Universe

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



24.9406, 0.3180, 0.2889



41.8162, 0.3193, 0.2801



30.7510, 0.2954, 0.3480



6.7428, 0.3152, 0.3092



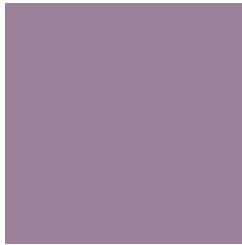
7.3830, 0.3480, 0.1691



0.1351, 0.3359, 0.1624

Previews

White Background



This preview shows how the Yxy color 24.9395, 0.3180, 0.2889 looks on a white background.

Color Contrast Check

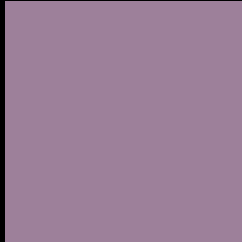
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9395, 0.3180, 0.2889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

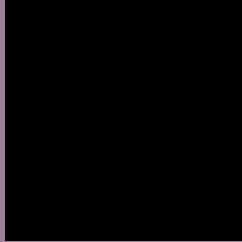
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9395, 0.3180, 0.2889

Background



This preview shows how black text looks on a background with the Yxy color 24.9395, 0.3180, 0.2889.



This preview shows how white text looks on a background with the Yxy color 24.9395, 0.3180, 0.2889.

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

24.9395, 0.3180, 0.2889

Protanopia

25.0981, 0.2870, 0.2912

Deuteranopia

24.9146, 0.3032, 0.2967



Tritanopia

24.8569, 0.3298, 0.3116

Trichromacy



Original Color

24.9395, 0.3180, 0.2889

Protanomaly

24.9602, 0.2982, 0.2904

Deuteranomaly

24.8284, 0.3088, 0.2940

Tritanomaly

24.8438, 0.3255, 0.3023

Monochromacy



Original Color

24.9395, 0.3180, 0.2889

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.7636, 0.3145, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9395, 0.3180, 0.2889 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(157, 128, 154)` looks like.

```
.text, #text, p{  
    color:rgb(157, 128, 154)  
}
```

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(157, 128, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 128, 154) }
```

Border

The CSS property to change the border of an element to Yxy 24.9395, 0.3180, 0.2889 is called "border". The border property can be set on classes, ids or directly on the HTML element.

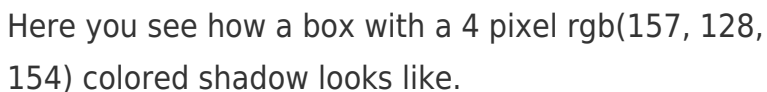
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 128, 154) }
```

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

```
.border{ border-color:rgb(157, 128, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 128, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 128, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 128, 154); box-shadow:4px 4px 4px 4px rgb(157, 128, 154) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9395, 0.3180, 0.2889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 128, 154) }
```

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

```
.background{ background-color: rgb(157,  
128, 154) }
```

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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