

Converting Colors

$Y_{xy}(24.8318, 0.2619, 0.2243)$

Have a look what the booklet for
Yxy(24.8318, 0.2619, 0.2243)
contains.

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Color

Yxy(24.8386, 0.2622, 0.2248)

Conversions

Conversions Part 1

Format	Color
Hex	8F7EC6
RGB	143, 126, 198
RGB Percent	56%, 49%, 78%
CMY	0.4395, 0.5058, 0.2236
CMYK	0.28, 0.36, 0.00, 0.22
HSL	254°, 39%, 64%
HSV	254°, 36%, 78%
XYZ	28.9710, 24.8386, 56.6824
YIQ	139.2910, -12.9800, 25.9960

Conversions

Conversions Part 2

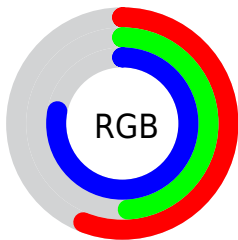
Format	Color
R_{YB}	143, 126, 198
Decimal	9404102
CIE _{Lab}	56.92, 22.19, -35.17
CIE _{LCh}	57, 41.586, 302.255
Yxy	24.8386, 0.2622, 0.2248
Android (android.graphics.Color)	4287594182 (0xFF8F7EC6)
YUV	139.2910, 28.9435, 3.2528
Hunter-Lab	49.8383, 16.5449, -32.5452

Details

The Yxy color **24.8386, 0.2622, 0.2248** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.7206, 0.3521, 0.4232**, and the grayscale version is **25.8247, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.4660, 0.2730, 0.2446**, and **9.5455, 0.2442, 0.1942** is the 20% darker color. If you saturate the color by 10%, you get **19.0050, 0.2447, 0.1919**, and if you desaturate by 10%, it is **31.8586, 0.2783, 0.2566**.

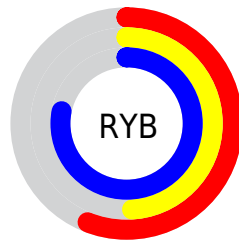
Distribution



Red (56%)

Green (49%)

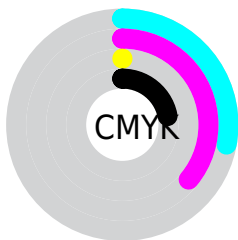
Blue (78%)



Red (56%)

Yellow (49%)

Blue (78%)

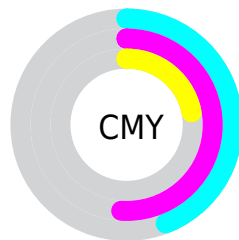


Cyan (28%)

Magenta (36%)

Yellow (0%)

Black (22%)



Cyan (44%)


Magenta (51%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8386, 0.2622, 0.2248 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 24.8386, 0.2622, 0.2248 by changing the saturation by 10% instead.


 24.8386, 0.2622,
0.2248


 24.8386, 0.2622,
0.2248


277.0332, 0.2903,
0.2782


 15.9568, 0.2543,
0.2113


 51.3953, 0.2731,
0.2444

 9.4936, 0.2438,
0.1941


 69.8390, 0.2769,
0.2517

 5.0645, 0.2290,
0.1715


 92.2388, 0.2801,
0.2578

 2.2852, 0.2071,
0.1409

118.9791, 0.2828,
0.2631

 0.7658, 0.1730,
0.0984

150.4443, 0.2851,
0.2676

 0.0000, 0.0778,
0.0000

187.0188, 0.2871,

 0.0000, 0.0000,

0.2716

0.0000

229.0870, 0.2888,
0.2751

■ 24.8386, 0.2622,
0.2248

■ 24.8386, 0.2622,
0.2248

■ 19.0050, 0.2447,
0.1919

■ 31.8586, 0.2783,
0.2566

■ 14.2883, 0.2265,
0.1593

■ 40.1236, 0.2928,
0.2863

■ 10.6160, 0.2084,
0.1289


■ 49.6915, 0.3055,
0.3133

■ 7.9058, 0.1916,
0.1030


■ 60.6160, 0.3166,
0.3375

■ 6.0623, 0.1772,
0.0832

■ 72.9474, 0.3260,
0.3590

 4.9650, 0.1660,
0.0705

 86.7337, 0.3340,
0.3779

 4.6692, 0.1626,
0.0670

 95.7296, 0.3426,
0.3858

 96.8564, 0.3466,
0.3850

Harmonies

Analogous

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



24.8386, 0.2131, 0.2207



24.8386, 0.2622, 0.2248



24.8386, 0.3314, 0.2501

Triad

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



24.8386, 0.2622, 0.2248



24.8386, 0.4508, 0.3965



24.8386, 0.2256, 0.3632

Complementary

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



24.8386, 0.2622, 0.2248



51.7206, 0.3521, 0.4232

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.



24.8386, 0.2828, 0.4323



24.8386, 0.2622, 0.2248



24.8386, 0.4136, 0.4420

Square

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



24.8386, 0.2622, 0.2248



24.8386, 0.4483, 0.3431



24.8386, 0.3516, 0.4609



24.8386, 0.1936, 0.2908

Rectangle

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



24.8386, 0.2622, 0.2248



24.8386, 0.3803, 0.2765



24.8386, 0.3516, 0.4609



24.8386, 0.2423, 0.3886

Sweetspot

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



24.8396, 0.2622, 0.2248



79.5454, 0.2996, 0.3006



41.6409, 0.2589, 0.3049



16.5305, 0.2979, 0.2969



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



24.8396, 0.2622, 0.2248



35.2574, 0.2477, 0.1974



28.5652, 0.2972, 0.2346



10.4057, 0.3019, 0.3054



3.0701, 0.1637, 0.0675



0.1797, 0.1856, 0.0796

Inverse Universe

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



30.2723, 0.3344, 0.2589



46.4821, 0.3409, 0.2433



47.9268, 0.3222, 0.4329



10.7724, 0.3173, 0.3115



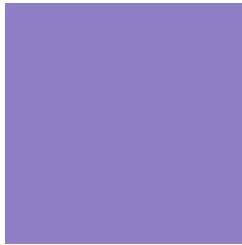
9.2848, 0.3902, 0.1923



0.4503, 0.3729, 0.1828

Previews

White Background



This preview shows how the Yxy color 24.8386, 0.2622, 0.2248 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 24.8386, 0.2622, 0.2248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

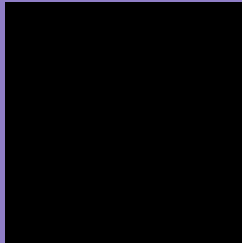
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8386, 0.2622, 0.2248

Background



This preview shows how black text looks on a background with the Yxy color 24.8386, 0.2622, 0.2248.



This preview shows how white text looks on a background with the Yxy color 24.8386, 0.2622, 0.2248.

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

24.8386, 0.2622, 0.2248

Protanopia

24.9027, 0.2335, 0.2217

Deuteranopia

24.8909, 0.2409, 0.2345



Tritanopia

24.7014, 0.2984, 0.3105

Trichromacy



Original Color

24.8386, 0.2622, 0.2248

Protanomaly

24.7078, 0.2430, 0.2228

Deuteranomaly

24.8937, 0.2483, 0.2307

Tritanomaly

24.5741, 0.2844, 0.2746

Monochromacy



Original Color

24.8386, 0.2622, 0.2248

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.1637, 0.2932, 0.2872

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8386, 0.2622, 0.2248 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(143, 126, 198)` looks like.

```
.text, #text, p{  
    color:rgb(143, 126, 198)  
}
```

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(143, 126, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 126, 198) }
```

Border

The CSS property to change the border of an element to Yxy 24.8386, 0.2622, 0.2248 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(143, 126, 198) }
```

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

```
.border{ border-color:rgb(143, 126, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 126, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 126, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 126, 198);  
box-shadow:4px 4px 4px 4px rgb(143, 126,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8386, 0.2622, 0.2248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 126, 198) }
```

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

```
.background{ background-color: rgb(143,  
126, 198) }
```

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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