

Converting Colors

$Y_{xy}(23.3521, 0.2824, 0.2584)$

Have a look what the booklet for
Yxy(23.3521, 0.2824, 0.2584)
contains.

Yxy(23.4374, 0.2823, 0.2582)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.4374, 0.2823, 0.2582)

Conversions

Conversions Part 1

Format	Color
Hex	8C7EAB
RGB	140, 126, 171
RGB Percent	55%, 49%, 67%
CMY	0.4511, 0.5058, 0.3293
CMYK	0.18, 0.26, 0.00, 0.33
HSL	259°, 21%, 58%
HSV	259°, 26%, 67%
XYZ	25.6250, 23.4374, 41.7099
YIQ	135.3160, -6.1010, 16.9630

Conversions

Conversions Part 2

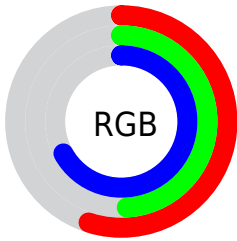
Format	Color
R_{YB}	140, 126, 171
Decimal	9207467
CIE _{Lab}	55.52, 14.73, -21.94
CIE _{LCh}	56, 26.428, 303.876
Yxy	23.4374, 0.2823, 0.2582
Android (android.graphics.Color)	4287397547 (0xFF8C7EAB)
YUV	135.3160, 17.5922, 4.1079
Hunter-Lab	48.4122, 9.7603, -17.1932

Details

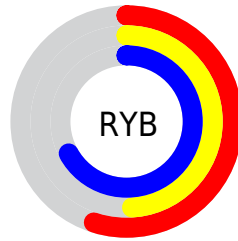
The Yxy color $23.4374, 0.2823, 0.2582$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $37.8121, 0.3380, 0.3964$, and the grayscale version is $24.2868, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.2005, 0.2894, 0.2733$, and $8.7635, 0.2696, 0.2338$ is the 20% darker color. If you saturate the color by 10%, you get $18.4618, 0.2679, 0.2275$, and if you desaturate by 10%, it is $29.2724, 0.2952, 0.2871$.

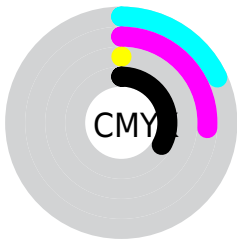
Distribution



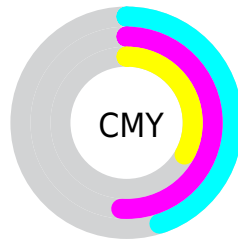
- Red (55%)
- Green (49%)
- Blue (67%)



- Red (55%)
- Yellow (49%)
- Blue (67%)



- Cyan (18%)
- Magenta (26%)
- Yellow (0%)
- Black (33%)



- Cyan (45%)
- Magenta (51%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4374, 0.2823, 0.2582 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 23.4374, 0.2823, 0.2582 by changing the saturation by 10% instead.


 23.4374, 0.2823,
0.2582


 23.4374, 0.2823,
0.2582


269.9637, 0.2995,
0.2959


 14.9168, 0.2773,
0.2480


 49.1105, 0.2891,
0.2725

 8.7610, 0.2703,
0.2345


 67.0319, 0.2915,
0.2777

 4.5856, 0.2601,
0.2158

 88.8556, 0.2934,
0.2820

 2.0063, 0.2439,
0.1885

114.9661, 0.2950,
0.2856

 0.6111, 0.2167,
0.1403

145.7478, 0.2964,
0.2888

 0.0000, 0.0000,
0.0000

181.5850, 0.2976,

0.2915

222.8622, 0.2986,
0.2938

■ 23.4374, 0.2823,
0.2582

■ 23.4374, 0.2823,
0.2582

■ 18.4618, 0.2679,
0.2275

■ 29.2724, 0.2952,
0.2871

■ 14.3013, 0.2521,
0.1958

■ 36.0026, 0.3064,
0.3136

■ 10.9118, 0.2355,
0.1644

■ 43.6650, 0.3161,
0.3375

■ 8.2438, 0.2187,
0.1351

■ 52.2941, 0.3244,
0.3589

■ 6.2421, 0.2025,
0.1097

■ 61.9220, 0.3315,
0.3779

■ 4.8427, 0.1880,
0.0898

■ 72.5799, 0.3374,
0.3946

■ 3.9599, 0.1759,
0.0763

■ 84.2973, 0.3425,
0.4094

■ 3.6999, 0.1720,
0.0721

■ 92.0093, 0.3485,
0.4156

■ 94.0763, 0.3565,
0.4132

Harmonies

Analogous

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



23.4374, 0.2471, 0.2555



23.4374, 0.2823, 0.2582



23.4374, 0.3285, 0.2767

Triad

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



23.4374, 0.2823, 0.2582



23.4374, 0.4030, 0.3794



23.4374, 0.2538, 0.3492

Complementary

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



23.4374, 0.2823, 0.2582



37.8121, 0.3380, 0.3964

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.



23.4374, 0.2924, 0.3912



23.4374, 0.2823, 0.2582



23.4374, 0.3792, 0.4060

Square

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



23.4374, 0.2823, 0.2582



23.4374, 0.4012, 0.3435



23.4374, 0.3383, 0.4123



23.4374, 0.2316, 0.3040

Rectangle

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



23.4374, 0.2823, 0.2582



23.4374, 0.3594, 0.2959



23.4374, 0.3383, 0.4123



23.4374, 0.2652, 0.3645

Sweetspot

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



23.4384, 0.2823, 0.2582



62.1446, 0.3045, 0.3089



31.6658, 0.2730, 0.3076



13.4486, 0.3029, 0.3051



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.



23.4384, 0.2823, 0.2582



36.2252, 0.2735, 0.2392



25.5479, 0.3058, 0.2629



7.8733, 0.3032, 0.3059



2.8136, 0.1729, 0.0726



0.1076, 0.2085, 0.0922

Inverse Universe

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



26.0198, 0.3309, 0.2837



41.7550, 0.3364, 0.2726



35.7909, 0.3173, 0.4009



8.1051, 0.3183, 0.3135



7.5213, 0.4167, 0.2069



0.2185, 0.3815, 0.1875

Previews

White Background



This preview shows how the Yxy color 23.4374, 0.2823, 0.2582 looks on a white background.

Color Contrast Check

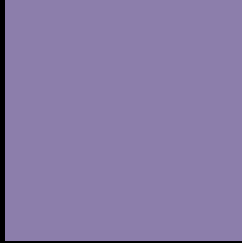
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4374, 0.2823, 0.2582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

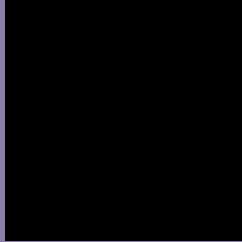
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.4374, 0.2823, 0.2582

Background



This preview shows how black text looks on a background with the Yxy color 23.4374, 0.2823, 0.2582.



This preview shows how white text looks on a background with the Yxy color 23.4374, 0.2823, 0.2582.

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

23.4374, 0.2823, 0.2582

Protanopia

23.3927, 0.2610, 0.2572

Deuteranopia

23.5705, 0.2698, 0.2652



Tritanopia

23.3365, 0.3057, 0.3103

Trichromacy



Original Color

23.4374, 0.2823, 0.2582

Protanomaly

23.3457, 0.2680, 0.2565

Deuteranomaly

23.4281, 0.2744, 0.2628

Tritanomaly

23.3188, 0.2967, 0.2893

Monochromacy



Original Color

23.4374, 0.2823, 0.2582

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.9590, 0.3017, 0.3023

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4374, 0.2823, 0.2582 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(140, 126, 171)` looks like.

```
.text, #text, p{  
    color:rgb(140, 126, 171)  
}
```

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(140, 126, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 126, 171) }
```

Border

The CSS property to change the border of an element to Yxy 23.4374, 0.2823, 0.2582 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(140, 126, 171) }
```

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

```
.border{ border-color:rgb(140, 126, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 126, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 126, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 126, 171);  
box-shadow:4px 4px 4px 4px rgb(140, 126,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4374, 0.2823, 0.2582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 126, 171) }
```

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

```
.background{ background-color: rgb(140,  
126, 171) }
```

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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