

Converting Colors

$Y_{xy}(24.9033, 0.2813, 0.2676)$

Have a look what the booklet for
Yxy(24.9033, 0.2813, 0.2676)
contains.

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Color

Yxy(24.9318, 0.2818, 0.2677)

Conversions

Conversions Part 1

Format	Color
Hex	8B84AB
RGB	139, 132, 171
RGB Percent	55%, 52%, 67%
CMY	0.4550, 0.4823, 0.3294
CMYK	0.19, 0.23, 0.00, 0.33
HSL	251°, 19%, 59%
HSV	251°, 23%, 67%
XYZ	26.2450, 24.9318, 41.9566
YIQ	138.5390, -8.3470, 13.6130

Conversions

Conversions Part 2

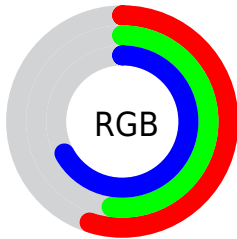
Format	Color
R_{YB}	139, 132, 171
Decimal	9143467
CIE _{Lab}	57.01, 10.90, -19.66
CIE _{LCh}	57, 22.479, 298.999
Yxy	24.9318, 0.2818, 0.2677
Android (android.graphics.Color)	4287333547 (0xFF8B84AB)
YUV	138.5390, 16.0033, 0.4043
Hunter-Lab	49.9318, 6.4421, -14.8679

Details

The Yxy color $24.9318, 0.2818, 0.2677$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $38.6896, 0.3396, 0.3859$, and the grayscale version is $25.5714, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.5264, 0.2889, 0.2805$, and $9.5931, 0.2693, 0.2473$ is the 20% darker color. If you saturate the color by 10%, you get $19.5359, 0.2653, 0.2365$, and if you desaturate by 10%, it is $31.2454, 0.2965, 0.2964$.

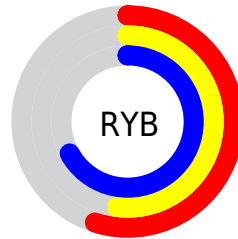
Distribution



Red (55%)

Green (52%)

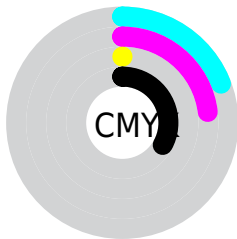
Blue (67%)



Red (55%)

Yellow (52%)

Blue (67%)

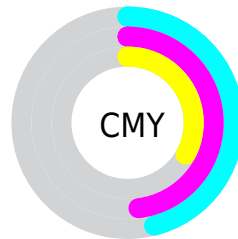


Cyan (19%)

Magenta (23%)

Yellow (0%)

Black (33%)



Cyan (46%)

Magenta (48%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.9318, 0.2818, 0.2677 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 24.9318, 0.2818, 0.2677 by changing the saturation by 10% instead.

■ 24.9318, 0.2818,
0.2677

■ 24.9318, 0.2818,
0.2677

■ 277.4981, 0.2990,
0.3004

■ 16.0263, 0.2769,
0.2589

■ 51.5466, 0.2885,
0.2801

■ 9.5427, 0.2701,
0.2471

■ 70.0246, 0.2909,
0.2846

■ 5.0968, 0.2604,
0.2308

■ 92.4622, 0.2928,
0.2883

■ 2.3042, 0.2451,
0.2067

■ 119.2438, 0.2945,
0.2915

■ 0.7759, 0.2189,
0.1675

■ 150.7538, 0.2959,
0.2942

■ 0.0000, 0.0000,
0.0000

187.3766, 0.2971,

0.2965

229.4966, 0.2981,
0.2986

■ 24.9318, 0.2818,
0.2677

■ 24.9318, 0.2818,
0.2677

■ 19.5359, 0.2653,
0.2365

■ 31.2454, 0.2965,
0.2964

■ 15.0118, 0.2474,
0.2036

■ 38.5136, 0.3094,
0.3223

■ 11.3140, 0.2286,
0.1704

■ 46.7752, 0.3206,
0.3453

■ 8.3920, 0.2098,
0.1385

■ 56.0656, 0.3302,
0.3655

■ 6.1895, 0.1921,
0.1103

■ 66.4189, 0.3384,
0.3832

■ 4.6422, 0.1768,
0.0877

■ 77.8672, 0.3454,
0.3986

■ 3.6744, 0.1649,
0.0723

■ 90.4415, 0.3513,
0.4121

■ 3.2238, 0.1585,
0.0647

■ 95.0385, 0.3601,
0.4122

■ 95.7203, 0.3626,
0.4115

Harmonies

Analogous

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



24.9318, 0.2539, 0.2681



24.9318, 0.2818, 0.2677



24.9318, 0.3197, 0.2814

Triad

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



24.9318, 0.2818, 0.2677



24.9318, 0.3893, 0.3675



24.9318, 0.2680, 0.3522

Complementary

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



24.9318, 0.2818, 0.2677



38.6896, 0.3396, 0.3859

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.



24.9318, 0.3023, 0.3844



24.9318, 0.2818, 0.2677



24.9318, 0.3730, 0.3910

Square

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



24.9318, 0.2818, 0.2677



24.9318, 0.3839, 0.3367



24.9318, 0.3408, 0.3985



24.9318, 0.2463, 0.3145

Rectangle

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



24.9318, 0.2818, 0.2677



24.9318, 0.3458, 0.2968



24.9318, 0.3408, 0.3985



24.9318, 0.2784, 0.3642

Sweetspot

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



24.9328, 0.2818, 0.2677



63.1314, 0.3041, 0.3114



34.5780, 0.2789, 0.3189



13.9121, 0.3033, 0.3100



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.



24.9328, 0.2818, 0.2677



39.9315, 0.2743, 0.2534



26.7163, 0.3015, 0.2711



7.8233, 0.3012, 0.3058



2.4472, 0.1591, 0.0650



0.0881, 0.1854, 0.0795

Inverse Universe

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



27.8464, 0.3225, 0.2829



46.0407, 0.3249, 0.2732



36.8127, 0.3216, 0.3893



8.1232, 0.3164, 0.3106



7.9725, 0.3710, 0.1817



0.2281, 0.3534, 0.1721

Previews

White Background



This preview shows how the Yxy color 24.9318, 0.2818, 0.2677 looks on a white background.

Color Contrast Check

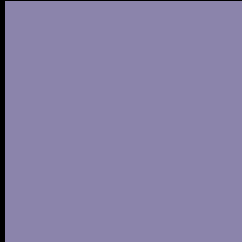
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9318, 0.2818, 0.2677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

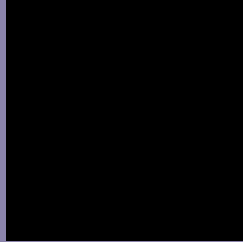
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9318, 0.2818, 0.2677

Background



This preview shows how black text looks on a background with the Yxy color 24.9318, 0.2818, 0.2677.



This preview shows how white text looks on a background with the Yxy color 24.9318, 0.2818, 0.2677.

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

24.9318, 0.2818, 0.2677

Protanopia

24.8571, 0.2689, 0.2678

Deuteranopia

24.9770, 0.2761, 0.2699



Tritanopia

24.8658, 0.3005, 0.3106

Trichromacy



Original Color

24.9318, 0.2818, 0.2677

Protanomaly

24.8540, 0.2733, 0.2682

Deuteranomaly

24.8662, 0.2780, 0.2686

Tritanomaly

24.9625, 0.2929, 0.2946

Monochromacy



Original Color

24.9318, 0.2818, 0.2677

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.3317, 0.3009, 0.3044

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9318, 0.2818, 0.2677 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(139, 132, 171)` looks like.

```
.text, #text, p{  
    color:rgb(139, 132, 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(139, 132, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 132, 171) }
```

Border

The CSS property to change the border of an element to Yxy 24.9318, 0.2818, 0.2677 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(139, 132, 171) }
```

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

```
.border{ border-color:rgb(139, 132, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 132, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 132, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 132, 171);  
box-shadow:4px 4px 4px 4px rgb(139, 132,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9318, 0.2818, 0.2677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 132, 171) }
```

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

```
.background{ background-color: rgb(139,  
132, 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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