

Converting Colors

$Y_{xy}(24.0019, 0.2962, 0.2883)$

Have a look what the booklet for
Yxy(24.0019, 0.2962, 0.2883)
contains.

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Color

Yxy(24.1219, 0.2959, 0.2882)

Conversions

Conversions Part 1

Format	Color
Hex	8B839C
RGB	139, 131, 156
RGB Percent	55%, 51%, 61%
CMY	0.4549, 0.4863, 0.3882
CMYK	0.11, 0.16, 0.00, 0.39
HSL	259°, 11%, 56%
HSV	259°, 16%, 61%
XYZ	24.7664, 24.1219, 34.8102
YIQ	136.2420, -3.2570, 9.4710

Conversions

Conversions Part 2

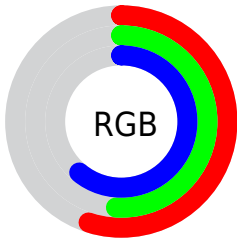
Format	Color
R_{YB}	139, 131, 156
Decimal	9143196
CIE _{Lab}	56.21, 8.11, -12.26
CIE _{LCh}	56, 14.696, 303.492
Yxy	24.1219, 0.2959, 0.2882
Android (android.graphics.Color)	4287333276 (0xFF8B839C)
YUV	136.2420, 9.7407, 2.4188
Hunter-Lab	49.1141, 4.0613, -7.6427

Details

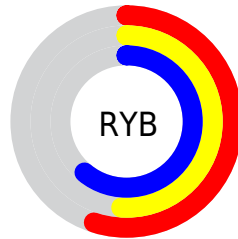
The Yxy color $24.1219, 0.2959, 0.2882$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $31.7179, 0.3278, 0.3687$, and the grayscale version is $24.6807, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.3216, 0.2996, 0.2962$, and $9.1784, 0.2892, 0.2741$ is the 20% darker color. If you saturate the color by 10%, you get $19.3735, 0.2834, 0.2597$, and if you desaturate by 10%, it is $29.5920, 0.3068, 0.3144$.

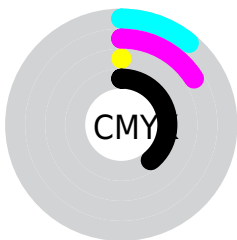
Distribution



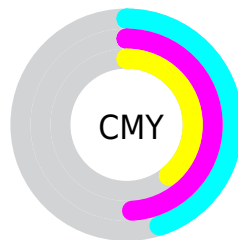
- Red (55%)
- Green (51%)
- Blue (61%)



- Red (55%)
- Yellow (51%)
- Blue (61%)



- Cyan (11%)
- Magenta (16%)
- Yellow (0%)
- Black (39%)



- Cyan (45%)
- Magenta (49%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.1219, 0.2959, 0.2882 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 24.1219, 0.2959, 0.2882 by changing the saturation by 10% instead.

■ 24.1219, 0.2959,
0.2882

■ 24.1219, 0.2959,
0.2882

273.4362, 0.3054,
0.3103

■ 15.4241, 0.2931,
0.2820

■ 50.2291, 0.2996,
0.2967

■ 9.1175, 0.2893,
0.2737

■ 68.4072, 0.3009,
0.2998

■ 4.8179, 0.2836,
0.2618

■ 90.5142, 0.3020,
0.3023

■ 2.1408, 0.2744,
0.2435

116.9344, 0.3029,
0.3044

■ 0.6874, 0.2583,
0.2085

148.0524, 0.3036,
0.3062

■ 0.0000, 0.0000,
0.0000

184.2524, 0.3043,

0.3078

225.9189, 0.3049,
0.3091

■ 24.1219, 0.2959,
0.2882

■ 24.1219, 0.2959,
0.2882

■ 19.3735, 0.2834,
0.2597

■ 29.5920, 0.3068,
0.3144

■ 15.3132, 0.2694,
0.2294

■ 35.8095, 0.3163,
0.3381

■ 11.9090, 0.2540,
0.1980

■ 42.8027, 0.3244,
0.3593

■ 9.1254, 0.2377,
0.1670

■ 50.5973, 0.3312,
0.3781

■ 6.9233, 0.2211,
0.1378

■ 59.2179, 0.3370,
0.3948

■ 5.2589, 0.2051,
0.1123

■ 68.6881, 0.3419,
0.4095

■ 4.0821, 0.1906,
0.0921

■ 79.0304, 0.3461,
0.4225

■ 3.3235, 0.1783,
0.0780

■ 89.7469, 0.3498,
0.4332

■ 3.0775, 0.1739,
0.0732

■ 91.4937, 0.3570,
0.4306

Harmonies

Analogous

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



24.1219, 0.2755, 0.2874



24.1219, 0.2959, 0.2882



24.1219, 0.3216, 0.2988

Triad

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



24.1219, 0.2959, 0.2882



24.1219, 0.3626, 0.3583



24.1219, 0.2802, 0.3407

Complementary

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



24.1219, 0.2959, 0.2882



31.7179, 0.3278, 0.3687

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.



24.1219, 0.3025, 0.3622



24.1219, 0.2959, 0.2882



24.1219, 0.3503, 0.3718

Square

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



24.1219, 0.2959, 0.2882



24.1219, 0.3609, 0.3382



24.1219, 0.3281, 0.3737



24.1219, 0.2668, 0.3166

Rectangle

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



24.1219, 0.2959, 0.2882



24.1219, 0.3383, 0.3102



24.1219, 0.3281, 0.3737



24.1219, 0.2869, 0.3486

Sweetspot

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



24.1229, 0.2959, 0.2882



54.7333, 0.3078, 0.3167



28.4356, 0.2886, 0.3160



11.8909, 0.3071, 0.3151



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.



24.1229, 0.2959, 0.2882



40.7799, 0.2919, 0.2789



25.2538, 0.3094, 0.2898



6.5332, 0.3035, 0.3062



2.5513, 0.1746, 0.0735



0.0670, 0.2185, 0.0978

Inverse Universe

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



25.4404, 0.3231, 0.3024



43.6220, 0.3256, 0.2967



30.6208, 0.3153, 0.3702



6.7184, 0.3184, 0.3139



6.6865, 0.4198, 0.2086



0.1269, 0.3723, 0.1825

Previews

White Background



This preview shows how the Yxy color 24.1219, 0.2959, 0.2882 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 24.1219, 0.2959, 0.2882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

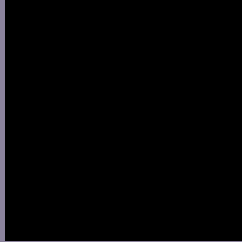
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1219, 0.2959, 0.2882

Background



This preview shows how black text looks on a background with the Yxy color 24.1219, 0.2959, 0.2882.



This preview shows how white text looks on a background with the Yxy color 24.1219, 0.2959, 0.2882.

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

24.1219, 0.2959, 0.2882

Protanopia

24.2646, 0.2848, 0.2891

Deuteranopia

24.0362, 0.2948, 0.2881



Tritanopia

24.1070, 0.3058, 0.3105

Trichromacy



Original Color

24.1219, 0.2959, 0.2882

Protanomaly

24.1959, 0.2887, 0.2893

Deuteranomaly

24.0362, 0.2948, 0.2881

Tritanomaly

24.0439, 0.3028, 0.3024

Monochromacy



Original Color

24.1219, 0.2959, 0.2882

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.3517, 0.3068, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1219, 0.2959, 0.2882 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, 131, 156)` looks like.

```
.text, #text, p{  
    color:rgb(139, 131, 156)  
}
```

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, 131, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 131, 156) }
```

Border

The CSS property to change the border of an element to Yxy 24.1219, 0.2959, 0.2882 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, 131, 156) }
```

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

```
.border{ border-color:rgb(139, 131, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 131, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 131, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 131, 156);  
box-shadow:4px 4px 4px 4px rgb(139, 131,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1219, 0.2959, 0.2882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 131, 156) }
```

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

```
.background{ background-color: rgb(139,  
131, 156) }
```

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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