

Converting Colors

$Y_{xy}(24.1670, 0.2990, 0.2852)$

Have a look what the booklet for
Yxy(24.1670, 0.2990, 0.2852)
contains.

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Color

Yxy(24.2392, 0.2992, 0.2856)

Conversions

Conversions Part 1

Format	Color
Hex	8F829D
RGB	143, 130, 157
RGB Percent	56%, 51%, 62%
CMY	0.4393, 0.4902, 0.3843
CMYK	0.09, 0.17, 0.00, 0.38
HSL	269°, 12%, 56%
HSV	269°, 17%, 62%
XYZ	25.3934, 24.2392, 35.2385
YIQ	136.9650, -0.9190, 11.1530

Conversions

Conversions Part 2

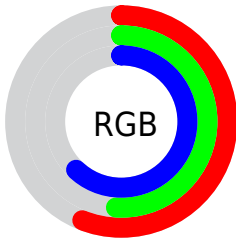
Format	Color
R_{YB}	143, 130, 157
Decimal	9405085
CIE _{Lab}	56.33, 10.28, -12.61
CIE _{LCh}	56, 16.271, 309.177
Yxy	24.2392, 0.2992, 0.2856
Android (android.graphics.Color)	4287595165 (0xFF8F829D)
YUV	136.9650, 9.8773, 5.2927
Hunter-Lab	49.2333, 5.9080, -7.9732

Details

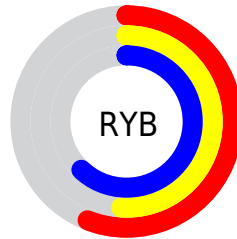
The Yxy color $24.2392, 0.2992, 0.2856$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $31.6582, 0.3245, 0.3723$, and the grayscale version is $24.9643, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.4908, 0.3021, 0.2942$, and $9.2526, 0.2941, 0.2705$ is the 20% darker color. If you saturate the color by 10%, you get $19.6755, 0.2896, 0.2578$, and if you desaturate by 10%, it is $29.4952, 0.3075, 0.3116$.

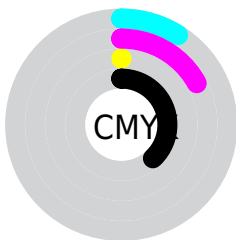
Distribution



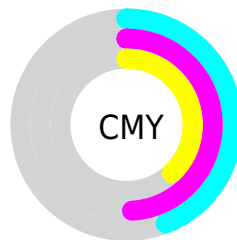
- Red (56%)
- Green (51%)
- Blue (62%)



- Red (56%)
- Yellow (51%)
- Blue (62%)



- Cyan (9%)
- Magenta (17%)
- Yellow (0%)
- Black (38%)





- Cyan (44%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2392, 0.2992, 0.2856 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 24.2392, 0.2992, 0.2856 by changing the saturation by 10% instead.


 24.2392, 0.2992,
0.2856


 24.2392, 0.2992,
0.2856


274.0276, 0.3069,
0.3090

 15.5112, 0.2969,
0.2791


 50.4203, 0.3022,
0.2946

 9.1789, 0.2937,
0.2704


 68.6421, 0.3033,
0.2978

 4.8581, 0.2890,
0.2579

 90.7972, 0.3042,
0.3005

 2.1642, 0.2812,
0.2390

117.2702, 0.3049,
0.3027

 0.7004, 0.2674,
0.2038

148.4453, 0.3055,
0.3047

 0.0000, 0.0000,
0.0000

184.7070, 0.3060,

0.3063

226.4396, 0.3065,
0.3078

■ 24.2392, 0.2992,
0.2856

■ 24.2392, 0.2992,
0.2856

■ 19.6755, 0.2896,
0.2578

■ 29.4952, 0.3075,
0.3116

■ 15.7710, 0.2788,
0.2288

■ 35.4685, 0.3146,
0.3355

■ 12.4948, 0.2668,
0.1995

■ 42.1865, 0.3206,
0.3572

■ 9.8117, 0.2539,
0.1709

■ 49.6743, 0.3256,
0.3768

■ 7.6835, 0.2406,
0.1445

■ 57.9559, 0.3299,
0.3944

6.0669, 0.2272,
0.1217

67.0540, 0.3333,
0.4100

4.9119, 0.2145,
0.1037

76.9907, 0.3362,
0.4240

4.1387, 0.2029,
0.0908

87.3966, 0.3387,
0.4359

3.9483, 0.1998,
0.0874

88.6110, 0.3442,
0.4340

Harmonies

Analogous

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



24.2392, 0.2752, 0.2824



24.2392, 0.2992, 0.2856



24.2392, 0.3279, 0.2990

Triad

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



24.2392, 0.2992, 0.2856



24.2392, 0.3664, 0.3648



24.2392, 0.2731, 0.3368

Complementary

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



24.2392, 0.2992, 0.2856



31.6582, 0.3245, 0.3723

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.



24.2392, 0.2961, 0.3620



24.2392, 0.2992, 0.2856



24.2392, 0.3502, 0.3778

Square

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



24.2392, 0.2992, 0.2856



24.2392, 0.3677, 0.3434



24.2392, 0.3243, 0.3773



24.2392, 0.2607, 0.3105

Rectangle

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



24.2392, 0.2992, 0.2856



24.2392, 0.3458, 0.3123



24.2392, 0.3243, 0.3773



24.2392, 0.2798, 0.3458

Sweetspot

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



24.2402, 0.2992, 0.2856



54.9556, 0.3091, 0.3168



27.2504, 0.2865, 0.3083



11.9457, 0.3086, 0.3152



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.



24.2402, 0.2992, 0.2856



39.8196, 0.2953, 0.2741



25.4803, 0.3137, 0.2875



6.5838, 0.3059, 0.3064



3.2286, 0.2006, 0.0879



0.0828, 0.2462, 0.1130

Inverse Universe

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



25.1507, 0.3287, 0.3071



41.8192, 0.3335, 0.3014



30.5443, 0.3115, 0.3741



6.7008, 0.3207, 0.3174



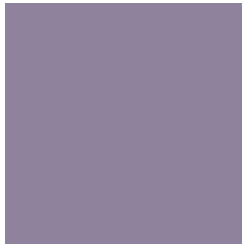
6.3186, 0.4836, 0.2437



0.1215, 0.4052, 0.2006

Previews

White Background



This preview shows how the Yxy color 24.2392, 0.2992, 0.2856 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 24.2392, 0.2992, 0.2856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

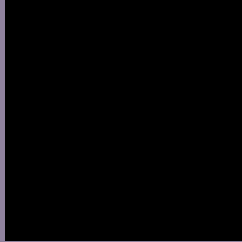
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2392, 0.2992, 0.2856

Background



This preview shows how black text looks on a background with the Yxy color 24.2392, 0.2992, 0.2856.



This preview shows how white text looks on a background with the Yxy color 24.2392, 0.2992, 0.2856.

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

24.2392, 0.2992, 0.2856

Protanopia

24.3341, 0.2829, 0.2860

Deuteranopia

24.3401, 0.2939, 0.2882



Tritanopia

24.1484, 0.3113, 0.3107

Trichromacy



Original Color

24.2392, 0.2992, 0.2856

Protanomaly

24.4292, 0.2889, 0.2864

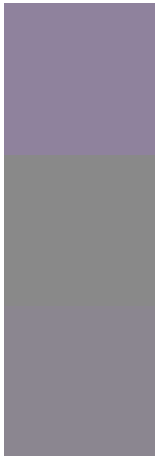
Deuteranomaly

24.2424, 0.2960, 0.2868

Tritanomaly

24.1215, 0.3073, 0.3011

Monochromacy



Original Color

24.2392, 0.2992, 0.2856

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.5528, 0.3079, 0.3123

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2392, 0.2992, 0.2856 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, 130, 157)` looks like.

```
.text, #text, p{  
    color:rgb(143, 130, 157)  
}
```

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, 130, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 130, 157) }
```

Border

The CSS property to change the border of an element to Yxy 24.2392, 0.2992, 0.2856 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, 130, 157) }
```

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

```
.border{ border-color:rgb(143, 130, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 130, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 130, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 130, 157);  
box-shadow:4px 4px 4px 4px rgb(143, 130,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2392, 0.2992, 0.2856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 130, 157) }
```

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

```
.background{ background-color: rgb(143,  
130, 157) }
```

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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