

Converting Colors

$Y_{xy}(24.0557, 0.3020, 0.2902)$

Have a look what the booklet for
Yxy(24.0557, 0.3020, 0.2902)
contains.

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Color

Yxy(24.1380, 0.3022, 0.2902)

Conversions

Conversions Part 1

Format	Color
Hex	8F829A
RGB	143, 130, 154
RGB Percent	56%, 51%, 60%
CMY	0.4394, 0.4901, 0.3961
CMYK	0.07, 0.16, 0.00, 0.40
HSL	272°, 11%, 56%
HSV	272°, 16%, 60%
XYZ	25.1361, 24.1380, 33.9030
YIQ	136.6230, 0.0440, 10.2200

Conversions

Conversions Part 2

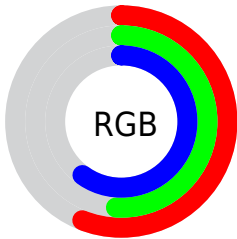
Format	Color
R_{YB}	143, 130, 154
Decimal	9405082
CIE Lab	56.23, 9.62, -11.03
CIE LCh	56, 14.637, 311.099
Yxy	24.1380, 0.3022, 0.2902
Android (android.graphics.Color)	4287595162 (0xFF8F829A)
YUV	136.6230, 8.5669, 5.5926
Hunter-Lab	49.1304, 5.3459, -6.5224

Details

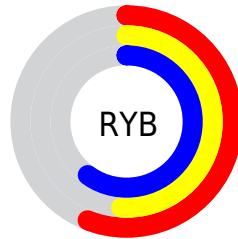
The Yxy color $24.1380, 0.3022, 0.2902$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $30.3897, 0.3219, 0.3681$, and the grayscale version is $24.8322, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.2914, 0.3051, 0.2988$, and $9.1913, 0.2985, 0.2770$ is the 20% darker color. If you saturate the color by 10%, you get $19.7306, 0.2940, 0.2631$, and if you desaturate by 10%, it is $29.2007, 0.3093, 0.3157$.

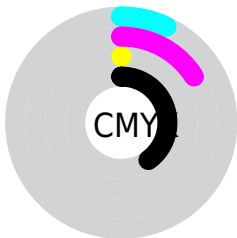
Distribution



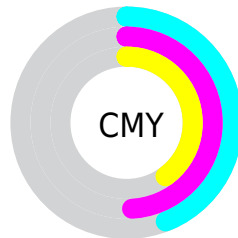
- Red (56%)
- Green (51%)
- Blue (60%)



- Red (56%)
- Yellow (51%)
- Blue (60%)



- Cyan (7%)
- Magenta (16%)
- Yellow (0%)
- Black (40%)



- Cyan (44%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.1380, 0.3022, 0.2902 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 24.1380, 0.3022, 0.2902 by changing the saturation by 10% instead.

■ 24.1380, 0.3022,
0.2902

■ 24.1380, 0.3022,
0.2902

273.5174, 0.3082,
0.3112

■ 15.4360, 0.3004,
0.2843

■ 50.2553, 0.3046,
0.2983

■ 9.1260, 0.2979,
0.2764

■ 68.4394, 0.3054,
0.3012

■ 4.8234, 0.2941,
0.2651

■ 90.5530, 0.3061,
0.3036

■ 2.1440, 0.2879,
0.2477

116.9805, 0.3067,
0.3056

■ 0.6892, 0.2770,
0.2143

148.1063, 0.3071,
0.3073

■ 0.0000, 0.0000,
0.0000

184.3148, 0.3075,

0.3088

225.9904, 0.3079,
0.3101

■ 24.1380, 0.3022,
0.2902

■ 24.1380, 0.3022,
0.2902

■ 19.7306, 0.2940,
0.2631

■ 29.2007, 0.3093,
0.3157

■ 15.9474, 0.2847,
0.2348

■ 34.9417, 0.3152,
0.3392

■ 12.7596, 0.2743,
0.2062

■ 41.3868, 0.3203,
0.3606

■ 10.1348, 0.2630,
0.1784

■ 48.5593, 0.3245,
0.3800

■ 8.0371, 0.2511,
0.1525

■ 56.4818, 0.3280,
0.3975

6.4269, 0.2390,
0.1300

65.1755, 0.3308,
0.4131

5.2580, 0.2272,
0.1120

74.6609, 0.3332,
0.4271

4.4691, 0.2162,
0.0990

84.9579, 0.3351,
0.4396

4.1745, 0.2115,
0.0939

87.0884, 0.3394,
0.4394

Harmonies

Analogous

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



24.1380, 0.2800, 0.2868



24.1380, 0.3022, 0.2902



24.1380, 0.3281, 0.3029

Triad

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



24.1380, 0.3022, 0.2902



24.1380, 0.3605, 0.3624



24.1380, 0.2759, 0.3345

Complementary

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



24.1380, 0.3022, 0.2902



30.3897, 0.3219, 0.3681

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.



24.1380, 0.2963, 0.3574



24.1380, 0.3022, 0.2902



24.1380, 0.3453, 0.3733

Square

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



24.1380, 0.3022, 0.2902



24.1380, 0.3625, 0.3436



24.1380, 0.3216, 0.3718



24.1380, 0.2654, 0.3111

Rectangle

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



24.1380, 0.3022, 0.2902



24.1380, 0.3439, 0.3152



24.1380, 0.3216, 0.3718



24.1380, 0.2818, 0.3426

Sweetspot

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



24.1390, 0.3022, 0.2902



53.5094, 0.3096, 0.3168



26.1916, 0.2890, 0.3077



11.9660, 0.3091, 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.



24.1390, 0.3022, 0.2902



40.6626, 0.2992, 0.2800



25.1466, 0.3153, 0.2928



6.1821, 0.3068, 0.3066



3.4229, 0.2123, 0.0943



0.0728, 0.2584, 0.1197

Inverse Universe

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



24.7653, 0.3285, 0.3115



42.0646, 0.3332, 0.3069



29.4904, 0.3101, 0.3680



6.2676, 0.3215, 0.3188



5.9743, 0.5076, 0.2570



0.0965, 0.4155, 0.2063

Previews

White Background



This preview shows how the Yxy color 24.1380, 0.3022, 0.2902 looks on a white background.

Color Contrast Check

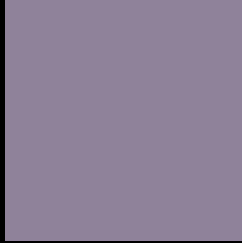
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1380, 0.3022, 0.2902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

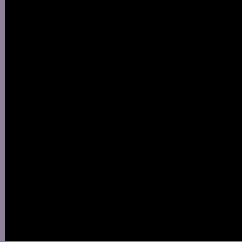
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1380, 0.3022, 0.2902

Background



This preview shows how black text looks on a background with the Yxy color 24.1380, 0.3022, 0.2902.



This preview shows how white text looks on a background with the Yxy color 24.1380, 0.3022, 0.2902.

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

24.1380, 0.3022, 0.2902

Protanopia

24.2758, 0.2876, 0.2923

Deuteranopia

24.0547, 0.2979, 0.2913



Tritanopia

24.1182, 0.3124, 0.3124

Trichromacy



Original Color

24.1380, 0.3022, 0.2902

Protanomaly

24.2925, 0.2927, 0.2927

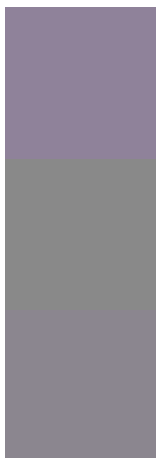
Deuteranomaly

24.1411, 0.2990, 0.2914

Tritanomaly

24.0587, 0.3094, 0.3043

Monochromacy



Original Color

24.1380, 0.3022, 0.2902

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.5223, 0.3090, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1380, 0.3022, 0.2902 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(143, 130, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 130, 154) }
```

Border

The CSS property to change the border of an element to Yxy 24.1380, 0.3022, 0.2902 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, 154) }
```

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

```
.border{ border-color:rgb(143, 130, 154) }
```

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, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 130, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 130, 154);  
box-shadow:4px 4px 4px 4px rgb(143, 130,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1380, 0.3022, 0.2902 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, 154) }
```

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

```
.background{ background-color: rgb(143,  
130, 154) }
```

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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