

Converting Colors

$Y_{xy}(22.8592, 0.3098, 0.2853)$

Have a look what the booklet for
Yxy(22.8592, 0.3098, 0.2853)
contains.

Yxy(22.8527, 0.3101, 0.2854)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.8527, 0.3101, 0.2854)

Conversions

Conversions Part 1

Format	Color
Hex	937C97
RGB	147, 124, 151
RGB Percent	58%, 49%, 59%
CMY	0.4234, 0.5138, 0.4078
CMYK	0.03, 0.18, 0.00, 0.41
HSL	291°, 12%, 54%
HSV	291°, 18%, 59%
XYZ	24.8305, 22.8527, 32.3893
YIQ	133.9550, 5.0410, 13.2730

Conversions

Conversions Part 2

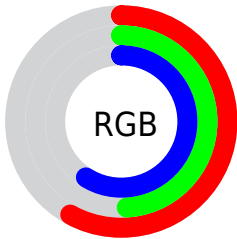
Format	Color
R_{YB}	147, 124, 151
Decimal	9665687
CIE _{Lab}	54.92, 13.94, -11.23
CIE _{LCh}	55, 17.904, 321.144
Yxy	22.8527, 0.3101, 0.2854
Android (android.graphics.Color)	4287855767 (0xFF937C97)
YUV	133.9550, 8.4032, 11.4405
Hunter-Lab	47.8045, 9.0581, -6.7080

Details

The Yxy color $22.8527, 0.3101, 0.2854$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $28.1837, 0.3146, 0.3755$, and the grayscale version is $23.7914, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.2696, 0.3109, 0.2952$, and $8.4391, 0.3084, 0.2700$ is the 20% darker color. If you saturate the color by 10%, you get $19.1496, 0.3081, 0.2601$, and if you desaturate by 10%, it is $27.1415, 0.3117, 0.3102$.

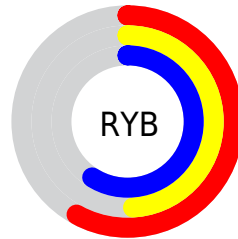
Distribution



Red (58%)

Green (49%)

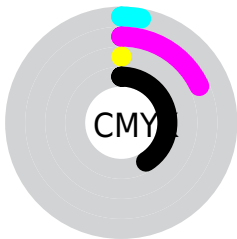
Blue (59%)



Red (58%)

Yellow (49%)

Blue (59%)

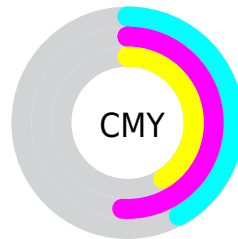


Cyan (3%)

Magenta (18%)

Yellow (0%)

Black (41%)



Cyan (42%)


Magenta (51%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.8527, 0.3101, 0.2854 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 22.8527, 0.3101, 0.2854 by changing the saturation by 10% instead.


 22.8527, 0.3101,
0.2854


 22.8527, 0.3101,
0.2854


266.9675, 0.3118,
0.3091


 14.4848, 0.3095,
0.2788


 48.1513, 0.3109,
0.2945

 8.4586, 0.3085,
0.2698


 65.8509, 0.3111,
0.2978

 4.3898, 0.3070,
0.2571

 87.4297, 0.3113,
0.3005

 1.8939, 0.3040,
0.2373

113.2723, 0.3114,
0.3027

 0.5447, 0.3018,
0.1916

143.7629, 0.3116,
0.3047

 0.0000, 0.0000,
0.0000

179.2861, 0.3117,

0.3063

220.2262, 0.3118,
0.3078

■ 22.8527, 0.3101,
0.2854

■ 22.8527, 0.3101,
0.2854

■ 19.1496, 0.3081,
0.2601

■ 27.1415, 0.3117,
0.3102

■ 16.0029, 0.3057,
0.2350

■ 32.0377, 0.3130,
0.3339

■ 13.3852, 0.3030,
0.2109

■ 37.5655, 0.3139,
0.3562

■ 11.2658, 0.2998,
0.1888

■ 43.7468, 0.3146,
0.3769

■ 9.6105, 0.2964,
0.1696

■ 50.6026, 0.3151,
0.3959

■ 8.3811, 0.2927,
0.1542

■ 58.1530, 0.3154,
0.4133

■ 7.5328, 0.2890,
0.1429

■ 66.4169, 0.3155,
0.4291

■ 6.9830, 0.2852,
0.1355

■ 75.4130, 0.3156,
0.4433

■ 6.8773, 0.2844,
0.1340

■ 81.9847, 0.3160,
0.4520

Harmonies

Analogous

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



22.8527, 0.2803, 0.2770



22.8527, 0.3101, 0.2854



22.8527, 0.3421, 0.3040

Triad

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



22.8527, 0.3101, 0.2854



22.8527, 0.3674, 0.3763



22.8527, 0.2613, 0.3253

Complementary

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



22.8527, 0.3101, 0.2854



28.1837, 0.3146, 0.3755

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.



22.8527, 0.2827, 0.3557



22.8527, 0.3101, 0.2854



22.8527, 0.3439, 0.3857

Square

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



22.8527, 0.3101, 0.2854



22.8527, 0.3761, 0.3551



22.8527, 0.3128, 0.3785



22.8527, 0.2532, 0.2981

Rectangle

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



22.8527, 0.3101, 0.2854



22.8527, 0.3599, 0.3202



22.8527, 0.3128, 0.3785



22.8527, 0.2671, 0.3356

Sweetspot

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



22.8537, 0.3101, 0.2854



50.9326, 0.3121, 0.3169



21.9702, 0.2846, 0.2891



11.4516, 0.3120, 0.3154



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



22.8537, 0.3101, 0.2854



38.4624, 0.3094, 0.2765



22.9346, 0.3254, 0.3006



6.2774, 0.3115, 0.3069



5.8585, 0.2846, 0.1342



0.0986, 0.3020, 0.1437

Inverse Universe

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



22.5531, 0.3413, 0.3225



37.8451, 0.3483, 0.3211



28.1307, 0.3019, 0.3592



6.2368, 0.3261, 0.3257



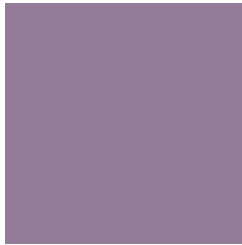
5.6504, 0.6157, 0.3166



0.0878, 0.5354, 0.2723

Previews

White Background



This preview shows how the Yxy color 22.8527, 0.3101, 0.2854 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 22.8527, 0.3101, 0.2854 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 22.8527, 0.3101, 0.2854

Background



This preview shows how black text looks on a background with the Yxy color 22.8527, 0.3101, 0.2854.



This preview shows how white text looks on a background with the Yxy color 22.8527, 0.3101, 0.2854.

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

22.8527, 0.3101, 0.2854

Protanopia

22.8438, 0.2841, 0.2865

Deuteranopia

22.8746, 0.2986, 0.2922



Tritanopia

22.9761, 0.3241, 0.3140

Trichromacy



Original Color

22.8527, 0.3101, 0.2854

Protanomaly

22.8398, 0.2924, 0.2856

Deuteranomaly

22.9562, 0.3031, 0.2910

Tritanomaly

22.9558, 0.3198, 0.3043

Monochromacy



Original Color

22.8527, 0.3101, 0.2854

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.3477, 0.3124, 0.3121

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.8527, 0.3101, 0.2854 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(147, 124, 151)` looks like.

```
.text, #text, p{  
    color:rgb(147, 124, 151)  
}
```

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(147, 124, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 124, 151) }
```

Border

The CSS property to change the border of an element to Yxy 22.8527, 0.3101, 0.2854 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(147, 124, 151) }
```

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

```
.border{ border-color:rgb(147, 124, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 124, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 124, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 124, 151);  
box-shadow:4px 4px 4px 4px rgb(147, 124,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 22.8527, 0.3101, 0.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 124, 151) }
```

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

```
.background{ background-color: rgb(147,  
124, 151) }
```

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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