

Converting Colors

$Y_{xy}(22.9093, 0.2977, 0.2808)$

Have a look what the booklet for
Yxy(22.9093, 0.2977, 0.2808)
contains.

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Color

Yxy(22.8975, 0.2969, 0.2800)

Conversions

Conversions Part 1

Format	Color
Hex	8C7E9C
RGB	140, 126, 156
RGB Percent	55%, 49%, 61%
CMY	0.4509, 0.5059, 0.3882
CMYK	0.10, 0.19, 0.00, 0.39
HSL	268°, 13%, 55%
HSV	268°, 19%, 61%
XYZ	24.2795, 22.8975, 34.5998
YIQ	133.6060, -1.2860, 12.2980

Conversions

Conversions Part 2

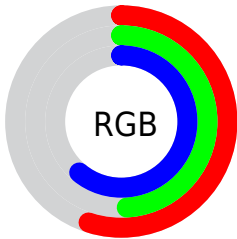
Format	Color
R_{YB}	140, 126, 156
Decimal	9207452
CIE _{Lab}	54.97, 11.36, -14.12
CIE _{LCh}	55, 18.126, 308.814
Yxy	22.8975, 0.2969, 0.2800
Android (android.graphics.Color)	4287397532 (0xFF8C7E9C)
YUV	133.6060, 11.0402, 5.6075
Hunter-Lab	47.8513, 6.8302, -9.3748

Details

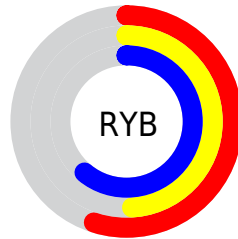
The Yxy color $22.8975, 0.2969, 0.2800$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $31.0398, 0.3263, 0.3778$, and the grayscale version is $23.6486, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.4127, 0.3004, 0.2901$, and $8.5013, 0.2905, 0.2621$ is the 20% darker color. If you saturate the color by 10%, you get $18.5194, 0.2868, 0.2519$, and if you desaturate by 10%, it is $27.9545, 0.3057, 0.3064$.

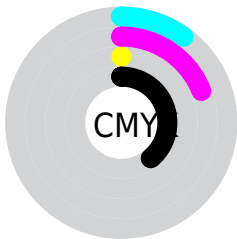
Distribution



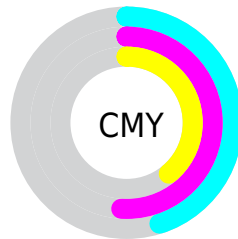
- Red (55%)
- Green (49%)
- Blue (61%)



- Red (55%)
- Yellow (49%)
- Blue (61%)



- Cyan (10%)
- Magenta (19%)
- Yellow (0%)
- Black (39%)



- Cyan (45%)
- Magenta (51%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.8975, 0.2969, 0.2800 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 22.8975, 0.2969, 0.2800 by changing the saturation by 10% instead.

■ 22.8975, 0.2969,
0.2800

■ 22.8975, 0.2969,
0.2800

267.1981, 0.3060,
0.3066

■ 14.5178, 0.2942,
0.2726

■ 48.2250, 0.3005,
0.2902

■ 8.4817, 0.2903,
0.2626

■ 65.9416, 0.3018,
0.2939

■ 4.4047, 0.2846,
0.2483

■ 87.5393, 0.3028,
0.2969

■ 1.9024, 0.2750,
0.2264

113.4025, 0.3036,
0.2995

■ 0.5498, 0.2598,
0.1786

143.9155, 0.3044,
0.3016

■ 0.0000, 0.0000,
0.0000

179.4629, 0.3050,

0.3035

220.4290, 0.3055,
0.3052

■ 22.8975, 0.2969,
0.2800

■ 22.8975, 0.2969,
0.2800

■ 18.5194, 0.2868,
0.2519

■ 27.9545, 0.3057,
0.3064

■ 14.7872, 0.2754,
0.2226

■ 33.7154, 0.3132,
0.3308

■ 11.6697, 0.2629,
0.1931

■ 40.2077, 0.3197,
0.3529

■ 9.1317, 0.2496,
0.1646

■ 47.4565, 0.3251,
0.3729

■ 7.1344, 0.2359,
0.1386

■ 55.4856, 0.3296,
0.3908

■ 5.6341, 0.2224,
0.1165

■ 64.3177, 0.3333,
0.4068

■ 4.5798, 0.2097,
0.0994

■ 73.9747, 0.3365,
0.4210

■ 3.8618, 0.1982,
0.0870

■ 84.4777, 0.3390,
0.4336

■ 3.8114, 0.1973,
0.0861

■ 88.3478, 0.3437,
0.4354

Harmonies

Analogous

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



22.8975, 0.2700, 0.2765



22.8975, 0.2969, 0.2800



22.8975, 0.3295, 0.2950

Triad

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



22.8975, 0.2969, 0.2800



22.8975, 0.3738, 0.3690



22.8975, 0.2681, 0.3381

Complementary

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



22.8975, 0.2969, 0.2800



31.0398, 0.3263, 0.3778

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.



22.8975, 0.2942, 0.3670



22.8975, 0.2969, 0.2800



22.8975, 0.3554, 0.3843

Square

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



22.8975, 0.2969, 0.2800



22.8975, 0.3751, 0.3447



22.8975, 0.3261, 0.3843



22.8975, 0.2541, 0.3081

Rectangle

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



22.8975, 0.2969, 0.2800



22.8975, 0.3499, 0.3097



22.8975, 0.3261, 0.3843



22.8975, 0.2757, 0.3484

Sweetspot

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



22.8985, 0.2969, 0.2800



53.8881, 0.3082, 0.3143



26.1846, 0.2833, 0.3055



11.7260, 0.3077, 0.3128



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.



22.8985, 0.2969, 0.2800



38.0829, 0.2928, 0.2683



24.2920, 0.3138, 0.2825



6.5794, 0.3057, 0.3064



3.1590, 0.1981, 0.0865



0.0815, 0.2440, 0.1118

Inverse Universe

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



23.9436, 0.3305, 0.3037



40.3596, 0.3353, 0.2979



29.8008, 0.3113, 0.3800



6.7023, 0.3205, 0.3171



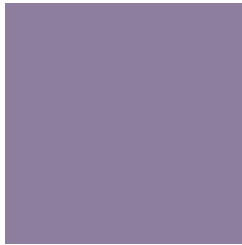
6.3453, 0.4779, 0.2406



0.1220, 0.4021, 0.1989

Previews

White Background



This preview shows how the Yxy color 22.8975, 0.2969, 0.2800 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 22.8975, 0.2969, 0.2800 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 22.8975, 0.2969, 0.2800

Background



This preview shows how black text looks on a background with the Yxy color 22.8975, 0.2969, 0.2800.



This preview shows how white text looks on a background with the Yxy color 22.8975, 0.2969, 0.2800.

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

22.8975, 0.2969, 0.2800

Protanopia

22.8284, 0.2784, 0.2800

Deuteranopia

23.0874, 0.2894, 0.2840



Tritanopia

22.8830, 0.3112, 0.3120

Trichromacy



Original Color

22.8975, 0.2969, 0.2800

Protanomaly

22.9150, 0.2843, 0.2805

Deuteranomaly

23.0729, 0.2926, 0.2828

Tritanomaly

22.8860, 0.3060, 0.3004

Monochromacy



Original Color

22.8975, 0.2969, 0.2800

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.4198, 0.3068, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.8975, 0.2969, 0.2800 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(140, 126, 156)` looks like.

```
.text, #text, p{  
    color:rgb(140, 126, 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(140, 126, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 126, 156) }
```

Border

The CSS property to change the border of an element to Yxy 22.8975, 0.2969, 0.2800 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(140, 126, 156) }
```

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

```
.border{ border-color:rgb(140, 126, 156) }
```

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

Here you see how a box with a 4 pixel rgb(140, 126, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 126, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 126, 156);  
box-shadow:4px 4px 4px 4px rgb(140, 126,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 22.8975, 0.2969, 0.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 126, 156) }
```

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

```
.background{ background-color: rgb(140,  
126, 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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