

Converting Colors

$Y_{xy}(22.8918, 0.3269, 0.3077)$

Have a look what the booklet for
Yxy(22.8918, 0.3269, 0.3077)
contains.

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Color

Yxy(22.8918, 0.3269, 0.3077)

Conversions

Conversions Part 1

Format	Color
Hex	957D8A
RGB	149, 125, 138
RGB Percent	58%, 49%, 54%
CMY	0.4156, 0.5098, 0.4588
CMYK	0.00, 0.16, 0.07, 0.42
HSL	328°, 10%, 54%
HSV	328°, 16%, 58%
XYZ	24.3202, 22.8918, 27.1845
YIQ	133.6580, 10.1310, 9.1310

Conversions

Conversions Part 2

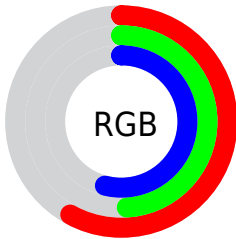
Format	Color
R_{YB}	149, 125, 138
Decimal	9797002
CIE _{Lab}	54.96, 11.56, -3.59
CIE _{LCh}	55, 12.108, 342.752
Yxy	22.8918, 0.3269, 0.3077
Android (android.graphics.Color)	4287987082 (0xFF957D8A)
YUV	133.6580, 2.1406, 13.4549
Hunter-Lab	47.8454, 7.0037, -0.1952

Details

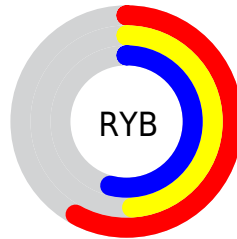
The Yxy color $22.8918, 0.3269, 0.3077$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $27.6424, 0.3006, 0.3513$, and the grayscale version is $23.6991, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.2989, 0.3239, 0.3132$, and $8.4701, 0.3324, 0.3001$ is the 20% darker color. If you saturate the color by 10%, you get $19.2069, 0.3379, 0.2938$, and if you desaturate by 10%, it is $27.1574, 0.3176, 0.3211$.

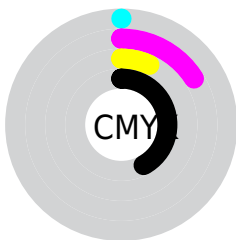
Distribution



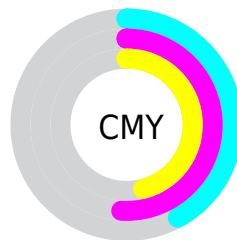
- Red (58%)
- Green (49%)
- Blue (54%)



- Red (58%)
- Yellow (49%)
- Blue (54%)



- Cyan (0%)
- Magenta (16%)
- Yellow (7%)
- Black (42%)





- Cyan (42%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.8918, 0.3269, 0.3077 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 22.8918, 0.3269, 0.3077 by changing the saturation by 10% instead.


 22.8918, 0.3269,
0.3077


 22.8918, 0.3269,
0.3077


267.1688, 0.3191,
0.3194


 14.5136, 0.3292,
0.3043


 48.2156, 0.3238,
0.3123

 8.4788, 0.3323,
0.2997


 65.9300, 0.3228,
0.3139

 4.4028, 0.3368,
0.2930

 87.5253, 0.3219,
0.3152

 1.9013, 0.3442,
0.2822

113.3859, 0.3211,
0.3163

 0.5492, 0.3652,
0.2494

143.8961, 0.3205,
0.3173

 0.0000, 0.0000,
0.0000

179.4404, 0.3199,

0.3181

220.4032, 0.3195,
0.3188

■ 22.8918, 0.3269,
0.3077

■ 22.8918, 0.3269,
0.3077

■ 19.2069, 0.3379,
0.2938

■ 27.1574, 0.3176,
0.3211

■ 16.0742, 0.3510,
0.2797

■ 32.0243, 0.3099,
0.3338

■ 13.4676, 0.3662,
0.2661

■ 37.5162, 0.3034,
0.3457

■ 11.3573, 0.3835,
0.2538

■ 43.6542, 0.2981,
0.3566

■ 9.7109, 0.4029,
0.2437

■ 50.4586, 0.2937,
0.3667

■ 8.4918, 0.4237,
0.2371

■ 57.9488, 0.2900,
0.3760

■ 7.6580, 0.4453,
0.2349

■ 66.1435, 0.2869,
0.3845

■ 7.1476, 0.4667,
0.2376

■ 75.0604, 0.2843,
0.3923

■ 6.9821, 0.4752,
0.2391

■ 82.0599, 0.2818,
0.3951

Harmonies

Analogous

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



22.8918, 0.3051, 0.2965



22.8918, 0.3269, 0.3077



22.8918, 0.3453, 0.3243

Triad

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



22.8918, 0.3269, 0.3077



22.8918, 0.3393, 0.3665



22.8918, 0.2724, 0.3132

Complementary

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



22.8918, 0.3269, 0.3077



27.6424, 0.3006, 0.3513

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.



22.8918, 0.2809, 0.3326



22.8918, 0.3269, 0.3077



22.8918, 0.3192, 0.3644

Square

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



22.8918, 0.3269, 0.3077



22.8918, 0.3525, 0.3581



22.8918, 0.2979, 0.3518



22.8918, 0.2743, 0.2989

Rectangle

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



22.8918, 0.3269, 0.3077



22.8918, 0.3529, 0.3365



22.8918, 0.2979, 0.3518



22.8918, 0.2742, 0.3193

Sweetspot

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



22.8928, 0.3269, 0.3077



49.4592, 0.3168, 0.3225



22.0543, 0.2994, 0.2885



10.8451, 0.3173, 0.3216



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



22.8928, 0.3269, 0.3077



38.7204, 0.3303, 0.3032



22.5689, 0.3407, 0.3271



5.8648, 0.3203, 0.3171



5.8797, 0.4738, 0.2384



0.0779, 0.3937, 0.1942

Inverse Universe

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



22.8928, 0.3269, 0.3077



38.7204, 0.3303, 0.3032



27.9971, 0.2901, 0.3310



5.8648, 0.3203, 0.3171



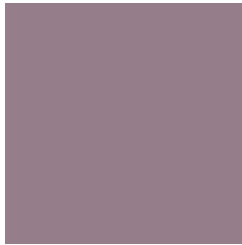
5.8797, 0.4738, 0.2384



0.0779, 0.3937, 0.1942

Previews

White Background



This preview shows how the Yxy color 22.8918, 0.3269, 0.3077 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 22.8918, 0.3269, 0.3077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

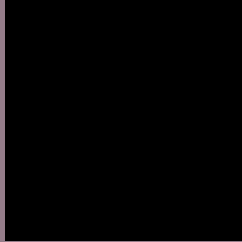
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.8918, 0.3269, 0.3077

Background



This preview shows how black text looks on a background with the Yxy color 22.8918, 0.3269, 0.3077.

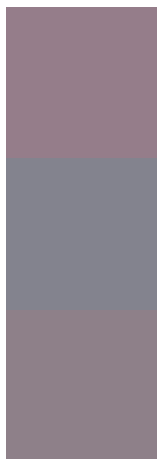


This preview shows how white text looks on a background with the Yxy color 22.8918, 0.3269, 0.3077.

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

22.8918, 0.3269, 0.3077

Protanopia

23.0109, 0.3012, 0.3100

Deuteranopia

22.9953, 0.3193, 0.3139



Tritanopia

22.8061, 0.3303, 0.3126

Trichromacy



Original Color

22.8918, 0.3269, 0.3077

Protanomaly

23.0269, 0.3102, 0.3087

Deuteranomaly

23.0046, 0.3229, 0.3124

Tritanomaly

22.8344, 0.3292, 0.3110

Monochromacy



Original Color

22.8918, 0.3269, 0.3077

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.4708, 0.3176, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.8918, 0.3269, 0.3077 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(149, 125, 138)` looks like.

```
.text, #text, p{  
    color:rgb(149, 125, 138)  
}
```

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(149, 125, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 125, 138) }
```

Border

The CSS property to change the border of an element to Yxy 22.8918, 0.3269, 0.3077 is called "border". The border property can be set on classes, ids or directly on the HTML element.

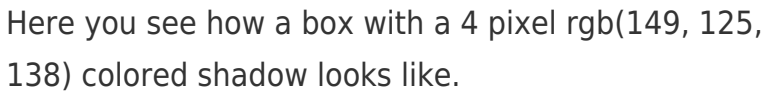
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(149, 125, 138) }
```

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

```
.border{ border-color:rgb(149, 125, 138) }
```

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



Here you see how a box with a 4 pixel rgb(149, 125, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 125, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 125, 138);  
box-shadow:4px 4px 4px 4px rgb(149, 125,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 22.8918, 0.3269, 0.3077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 125, 138) }
```

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

```
.background{ background-color: rgb(149,  
125, 138) }
```

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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