

Converting Colors

$Y_{xy}(24.9672, 0.3111, 0.3220)$

Have a look what the booklet for
Yxy(24.9672, 0.3111, 0.3220)
contains.

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Color

Yxy(24.9050, 0.3108, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	8A888C
RGB	138, 136, 140
RGB Percent	54%, 53%, 55%
CMY	0.4589, 0.4666, 0.4510
CMYK	0.01, 0.03, 0.00, 0.45
HSL	270°, 2%, 54%
HSV	270°, 3%, 55%
XYZ	24.0164, 24.9050, 28.3514
YIQ	137.0540, -0.0920, 1.6680

Conversions

Conversions Part 2

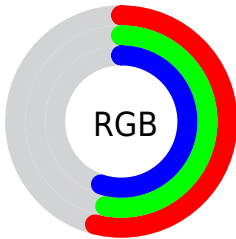
Format	Color
R_{YB}	138, 136, 140
Decimal	9078924
CIE Lab	56.98, 1.52, -1.88
CIE LCh	57, 2.418, 308.957
Yxy	24.9050, 0.3108, 0.3223
Android (android.graphics.Color)	4287269004 (0xFF8A888C)
YUV	137.0540, 1.4524, 0.8296
Hunter-Lab	49.9049, -1.4318, 1.2503

Details

The Yxy color **24.9050, 0.3108, 0.3223** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.9392, 0.3146, 0.3357**, and the grayscale version is **25.0316, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.3666, 0.3106, 0.3228**, and **9.4685, 0.3099, 0.3190** is the 20% darker color. If you saturate the color by 10%, you get **20.6321, 0.3033, 0.2975**, and if you desaturate by 10%, it is **29.7346, 0.3171, 0.3451**.

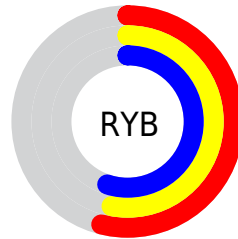
Distribution



Red (54%)

Green (53%)

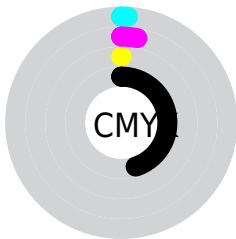
Blue (55%)



Red (54%)

Yellow (53%)

Blue (55%)

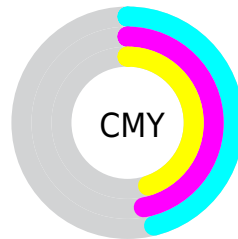


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (45%)



Cyan (46%)


Magenta (47%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9050, 0.3108, 0.3223 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 24.9050, 0.3108, 0.3223 by changing the saturation by 10% instead.


 24.9050, 0.3108,
0.3223


 24.9050, 0.3108,
0.3223


277.3645, 0.3119,
0.3260


 16.0063, 0.3105,
0.3212


 51.5031, 0.3112,
0.3237

 9.5286, 0.3101,
0.3198


 69.9712, 0.3114,
0.3242

 5.0875, 0.3094,
0.3177

 92.3980, 0.3115,
0.3247

 2.2987, 0.3084,
0.3143

119.1677, 0.3116,
0.3250

 0.7730, 0.3065,
0.3070

150.6648, 0.3117,
0.3253

 0.0000, 0.0000,
0.0000

187.2737, 0.3117,

0.3256

229.3788, 0.3118,
0.3258

■ 24.9050, 0.3108,
0.3223

■ 24.9050, 0.3108,
0.3223

■ 20.6321, 0.3033,
0.2975

■ 29.7346, 0.3171,
0.3451

■ 16.8921, 0.2947,
0.2708

■ 35.1370, 0.3225,
0.3657

■ 13.6642, 0.2848,
0.2427

■ 41.1320, 0.3270,
0.3843

■ 10.9250, 0.2738,
0.2138

■ 47.7371, 0.3307,
0.4009

■ 8.6493, 0.2618,
0.1852

■ 54.9692, 0.3338,
0.4158

6.8095, 0.2490,
0.1580

62.8446, 0.3364,
0.4291

5.3749, 0.2360,
0.1337

71.3789, 0.3385,
0.4410

4.3108, 0.2233,
0.1135

80.5872, 0.3402,
0.4516

3.5762, 0.2114,
0.0984

85.9308, 0.3433,
0.4554

Harmonies

Analogous

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



24.9050, 0.3071, 0.3220



24.9050, 0.3108, 0.3223



24.9050, 0.3150, 0.3244

Triad

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



24.9050, 0.3108, 0.3223



24.9050, 0.3206, 0.3345



24.9050, 0.3068, 0.3303

Complementary

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



24.9050, 0.3108, 0.3223



25.9392, 0.3146, 0.3357

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.



24.9050, 0.3104, 0.3337



24.9050, 0.3108, 0.3223



24.9050, 0.3183, 0.3361

Square

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



24.9050, 0.3108, 0.3223



24.9050, 0.3207, 0.3314



24.9050, 0.3146, 0.3359



24.9050, 0.3048, 0.3266

Rectangle

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



24.9050, 0.3108, 0.3223



24.9050, 0.3176, 0.3265



24.9050, 0.3146, 0.3359



24.9050, 0.3079, 0.3315

Sweetspot

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



24.9061, 0.3108, 0.3223



45.3939, 0.3120, 0.3266



25.3257, 0.3085, 0.3257



10.4725, 0.3121, 0.3268



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



24.9061, 0.3108, 0.3223



43.7403, 0.3107, 0.3218



25.0740, 0.3130, 0.3224



5.5450, 0.3102, 0.3204



2.8242, 0.2039, 0.0897



0.0274, 0.2526, 0.1165

Inverse Universe

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



25.0221, 0.3151, 0.3256



43.9601, 0.3152, 0.3254



25.7742, 0.3125, 0.3357



5.5785, 0.3158, 0.3247



5.3602, 0.4878, 0.2461



0.0386, 0.4020, 0.1988

Previews

White Background



This preview shows how the Yxy color 24.9050, 0.3108, 0.3223 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 24.9050, 0.3108, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

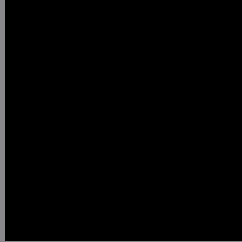
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

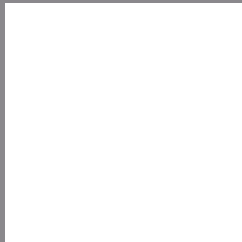
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.9050, 0.3108, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 24.9050, 0.3108, 0.3223.

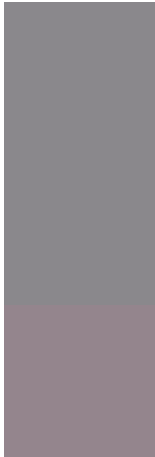


This preview shows how white text looks on a background with the Yxy color 24.9050, 0.3108, 0.3223.

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

24.9050, 0.3108, 0.3223

Protanopia

24.9050, 0.3108, 0.3223

Deuteranopia

24.9940, 0.3213, 0.3160



Tritanopia

24.8922, 0.3059, 0.3108

Trichromacy



Original Color

24.9050, 0.3108, 0.3223

Protanomaly

24.9050, 0.3108, 0.3223

Deuteranomaly

24.9026, 0.3166, 0.3175

Tritanomaly

24.8305, 0.3079, 0.3140

Monochromacy



Original Color

24.9050, 0.3108, 0.3223

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.0447, 0.3117, 0.3273

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9050, 0.3108, 0.3223 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(138, 136, 140)` looks like.

```
.text, #text, p{  
    color:rgb(138, 136, 140)  
}
```

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(138, 136, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 136, 140) }
```

Border

The CSS property to change the border of an element to Yxy 24.9050, 0.3108, 0.3223 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(138, 136, 140) }
```

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

```
.border{ border-color:rgb(138, 136, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 136, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 136, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 136, 140);  
box-shadow:4px 4px 4px 4px rgb(138, 136,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9050, 0.3108, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 136, 140) }
```

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

```
.background{ background-color: rgb(138,  
136, 140) }
```

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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