

Converting Colors

$Y_{xy}(23.8939, 0.3428, 0.3330)$

Have a look what the booklet for
Yxy(23.8939, 0.3428, 0.3330)
contains.

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Color

Yxy(23.9082, 0.3424, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	98817F
RGB	152, 129, 127
RGB Percent	60%, 51%, 50%
CMY	0.4040, 0.4941, 0.5020
CMYK	0.00, 0.15, 0.16, 0.40
HSL	5°, 11%, 55%
HSV	5°, 16%, 60%
XYZ	24.6275, 23.9082, 23.3903
YIQ	135.6490, 14.3500, 4.2540

Conversions

Conversions Part 2

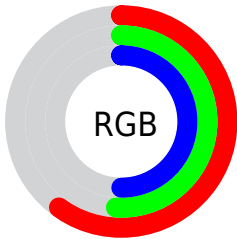
Format	Color
R _Y B	152, 129, 127
Decimal	9994623
CIE Lab	56.00, 8.43, 4.35
CIE LCh	56, 9.489, 27.282
Yxy	23.9082, 0.3424, 0.3324
Android (android.graphics.Color)	4288184703 (0xFF98817F)
YUV	135.6490, -4.2640, 14.3398
Hunter-Lab	48.8960, 4.3371, 5.8647

Details

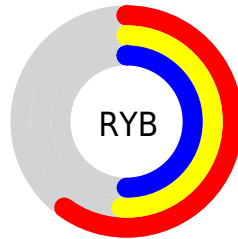
The Yxy color **23.9082, 0.3424, 0.3324** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.5791, 0.2884, 0.3256**, and the grayscale version is **24.4946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.0166, 0.3360, 0.3315**, and **9.0541, 0.3545, 0.3339** is the 20% darker color. If you saturate the color by 10%, you get **20.1102, 0.3660, 0.3346**, and if you desaturate by 10%, it is **28.2713, 0.3232, 0.3303**.

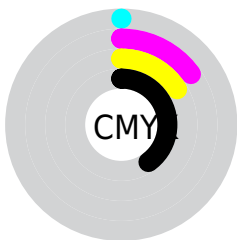
Distribution



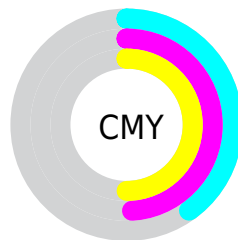
- Red (60%)
- Green (51%)
- Blue (50%)



- Red (60%)
- Yellow (51%)
- Blue (50%)



- Cyan (0%)
- Magenta (15%)
- Yellow (16%)
- Black (40%)




- Cyan (40%)
- Magenta (49%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.9082, 0.3424, 0.3324 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 23.9082, 0.3424, 0.3324 by changing the saturation by 10% instead.


 23.9082, 0.3424,
0.3324


 23.9082, 0.3424,
0.3324


272.3560, 0.3258,
0.3307


 15.2655, 0.3472,
0.3328


 49.8804, 0.3359,
0.3318

 9.0060, 0.3540,
0.3334


 67.9786, 0.3336,
0.3315

 4.7451, 0.3640,
0.3340


 89.9976, 0.3317,
0.3313

 2.0985, 0.3802,
0.3348

116.3216, 0.3302,
0.3312

 0.6638, 0.4360,
0.3459

147.3350, 0.3288,
0.3310

 0.0000, 0.0000,
0.0000

183.4223, 0.3277,

0.3309

224.9679, 0.3267,
0.3308

■ 23.9082, 0.3424,
0.3324

■ 23.9082, 0.3424,
0.3324

■ 20.1102, 0.3660,
0.3346

■ 28.2713, 0.3232,
0.3303

■ 16.8511, 0.3948,
0.3369

■ 33.2178, 0.3075,
0.3283

■ 14.1074, 0.4293,
0.3390

■ 38.7694, 0.2948,
0.3265

■ 11.8527, 0.4693,
0.3407

■ 44.9454, 0.2843,
0.3249

■ 10.0582, 0.5133,
0.3415

■ 51.7646, 0.2757,
0.3235

■ 8.6922, 0.5576,
0.3411

■ 59.2448, 0.2685,
0.3221

■ 7.7189, 0.5965,
0.3392

■ 67.4030, 0.2625,
0.3210

■ 7.0951, 0.6245,
0.3362

■ 76.2560, 0.2574,
0.3199

■ 6.9446, 0.6327,
0.3359

■ 85.2412, 0.2570,
0.3285

Harmonies

Analogous

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



23.9082, 0.3312, 0.3184



23.9082, 0.3424, 0.3324



23.9082, 0.3454, 0.3460

Triad

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



23.9082, 0.3424, 0.3324



23.9082, 0.3097, 0.3523



23.9082, 0.2864, 0.3027

Complementary

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



23.9082, 0.3424, 0.3324



28.5791, 0.2884, 0.3256

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.



23.9082, 0.2811, 0.3109



23.9082, 0.3424, 0.3324



23.9082, 0.2943, 0.3398

Square

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



23.9082, 0.3424, 0.3324



23.9082, 0.3262, 0.3581



23.9082, 0.2839, 0.3244



23.9082, 0.2987, 0.3015

Rectangle

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



23.9082, 0.3424, 0.3324



23.9082, 0.3423, 0.3530



23.9082, 0.2839, 0.3244



23.9082, 0.2838, 0.3047

Sweetspot

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



23.9093, 0.3424, 0.3324



51.0302, 0.3209, 0.3300



24.0618, 0.3164, 0.2921



11.4763, 0.3220, 0.3301



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.



23.9093, 0.3424, 0.3324



39.4510, 0.3511, 0.3333



27.3015, 0.3393, 0.3519



6.2991, 0.3281, 0.3309



5.8447, 0.6320, 0.3364



0.1061, 0.5964, 0.3646

Inverse Universe

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



28.5791, 0.2884, 0.3256



49.3936, 0.2829, 0.3247



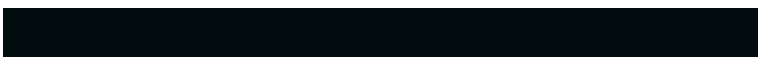
24.9031, 0.2876, 0.3050



6.9410, 0.2989, 0.3271



17.5748, 0.2178, 0.3041



0.2846, 0.2211, 0.3160

Previews

White Background



This preview shows how the Yxy color 23.9082, 0.3424, 0.3324 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 23.9082, 0.3424, 0.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

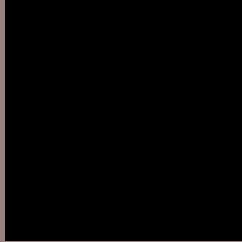
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.9082, 0.3424, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 23.9082, 0.3424, 0.3324.



This preview shows how white text looks on a background with the Yxy color 23.9082, 0.3424, 0.3324.

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

23.9082, 0.3424, 0.3324

Protanopia

24.0652, 0.3215, 0.3359

Deuteranopia

23.9816, 0.3397, 0.3340



Tritanopia

23.7572, 0.3325, 0.3129

Trichromacy



Original Color

23.9082, 0.3424, 0.3324

Protanomaly

23.9271, 0.3287, 0.3341

Deuteranomaly

24.0769, 0.3409, 0.3340

Tritanomaly

23.9041, 0.3369, 0.3210

Monochromacy



Original Color

23.9082, 0.3424, 0.3324

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.2193, 0.3230, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9082, 0.3424, 0.3324 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(152, 129, 127)` looks like.

```
.text, #text, p{  
    color:rgb(152, 129, 127)  
}
```

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(152, 129, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 129, 127) }
```

Border

The CSS property to change the border of an element to Yxy 23.9082, 0.3424, 0.3324 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(152, 129, 127) }
```

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

```
.border{ border-color:rgb(152, 129, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 129, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 129, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 129, 127);  
box-shadow:4px 4px 4px 4px rgb(152, 129,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9082, 0.3424, 0.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 129, 127) }
```

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

```
.background{ background-color: rgb(152,  
129, 127) }
```

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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