

Converting Colors

$Y_{xy}(24.4873, 0.3249, 0.3160)$

Have a look what the booklet for
Yxy(24.4873, 0.3249, 0.3160)
contains.

Yxy(24.4862, 0.3249, 0.3160)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.4862, 0.3249, 0.3160)

Conversions

Conversions Part 1

Format	Color
Hex	95838B
RGB	149, 131, 139
RGB Percent	58%, 51%, 55%
CMY	0.4155, 0.4863, 0.4549
CMYK	0.00, 0.12, 0.07, 0.42
HSL	333°, 8%, 55%
HSV	333°, 12%, 58%
XYZ	25.1758, 24.4862, 27.8259
YIQ	137.2940, 8.1600, 6.3040

Conversions

Conversions Part 2

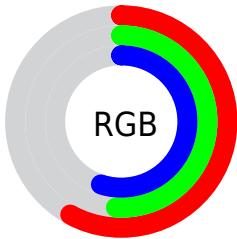
Format	Color
R_{YB}	149, 131, 139
Decimal	9798539
CIE _{Lab}	56.57, 8.30, -1.80
CIE _{LCh}	57, 8.493, 347.792
Yxy	24.4862, 0.3249, 0.3160
Android (android.graphics.Color)	4287988619 (0xFF95838B)
YUV	137.2940, 0.8411, 10.2662
Hunter-Lab	49.4835, 4.2196, 1.2981

Details

The Yxy color $24.4862, 0.3249, 0.3160$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $28.2549, 0.3020, 0.3424$, and the grayscale version is $25.1296, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.7833, 0.3225, 0.3193$, and $9.3525, 0.3292, 0.3123$ is the 20% darker color. If you saturate the color by 10%, you get $20.5349, 0.3373, 0.3046$, and if you desaturate by 10%, it is $29.0339, 0.3146, 0.3268$.

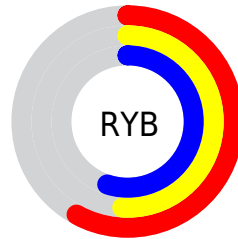
Distribution



Red (58%)

Green (51%)

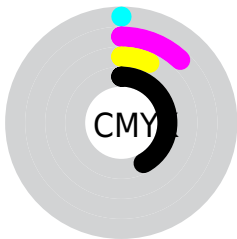
Blue (55%)



Red (58%)

Yellow (51%)

Blue (55%)

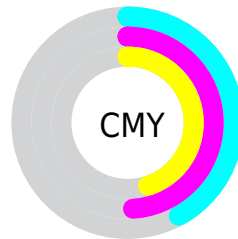


Cyan (0%)

Magenta (12%)

Yellow (7%)

Black (42%)



Cyan (42%)


Magenta (49%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.4862, 0.3249, 0.3160 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 24.4862, 0.3249, 0.3160 by changing the saturation by 10% instead.


 24.4862, 0.3249,
0.3160


 24.4862, 0.3249,
0.3160


275.2694, 0.3182,
0.3231


 15.6947, 0.3268,
0.3140


 50.8225, 0.3223,
0.3188

 9.3084, 0.3295,
0.3112


 69.1360, 0.3214,
0.3198

 4.9429, 0.3333,
0.3071

 91.3923, 0.3206,
0.3206

 2.2138, 0.3395,
0.3007

117.9758, 0.3200,
0.3213

 0.7275, 0.3524,
0.2864

149.2708, 0.3194,
0.3218

 0.0000, 0.0000,
0.0000

185.6619, 0.3190,

0.3223

227.5333, 0.3185,
0.3228

■ 24.4862, 0.3249,
0.3160

■ 24.4862, 0.3249,
0.3160

■ 20.5349, 0.3373,
0.3046

■ 29.0339, 0.3146,
0.3268

■ 17.1518, 0.3521,
0.2930

■ 34.1982, 0.3062,
0.3369

■ 14.3114, 0.3697,
0.2815

■ 40.0023, 0.2991,
0.3463

■ 11.9850, 0.3903,
0.2708

■ 46.4671, 0.2934,
0.3549

■ 10.1410, 0.4138,
0.2619

■ 53.6129, 0.2885,
0.3628

■ 8.7445, 0.4397,
0.2558

■ 61.4586, 0.2846,
0.3701

■ 7.7556, 0.4671,
0.2538

■ 70.0229, 0.2812,
0.3767

■ 7.1273, 0.4944,
0.2568

■ 79.3235, 0.2785,
0.3827

■ 6.7883, 0.5157,
0.2615

■ 82.7470, 0.2749,
0.3776

Harmonies

Analogous

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



24.4862, 0.3101, 0.3073



24.4862, 0.3249, 0.3160



24.4862, 0.3366, 0.3280

Triad

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



24.4862, 0.3249, 0.3160



24.4862, 0.3290, 0.3549



24.4862, 0.2845, 0.3164

Complementary

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



24.4862, 0.3249, 0.3160



28.2549, 0.3020, 0.3424

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.



24.4862, 0.2893, 0.3293



24.4862, 0.3249, 0.3160



24.4862, 0.3148, 0.3520

Square

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



24.4862, 0.3249, 0.3160



24.4862, 0.3389, 0.3505



24.4862, 0.3003, 0.3425



24.4862, 0.2871, 0.3073

Rectangle

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



24.4862, 0.3249, 0.3160



24.4862, 0.3409, 0.3365



24.4862, 0.3003, 0.3425



24.4862, 0.2854, 0.3204

Sweetspot

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



24.4873, 0.3249, 0.3160



50.2763, 0.3165, 0.3247



24.0566, 0.3050, 0.2993



11.0116, 0.3172, 0.3240



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.



24.4873, 0.3249, 0.3160



41.4556, 0.3286, 0.3124



24.5050, 0.3336, 0.3305



5.8556, 0.3217, 0.3192



5.7160, 0.5141, 0.2606



0.0757, 0.4179, 0.2076

Inverse Universe

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



24.4873, 0.3249, 0.3160



41.4556, 0.3286, 0.3124



28.2177, 0.2947, 0.3275



5.8556, 0.3217, 0.3192



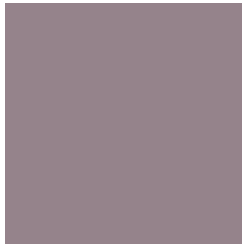
5.7160, 0.5141, 0.2606



0.0757, 0.4179, 0.2076

Previews

White Background



This preview shows how the Yxy color 24.4862, 0.3249, 0.3160 looks on a white background.

Color Contrast Check

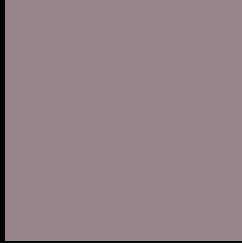
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4862, 0.3249, 0.3160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

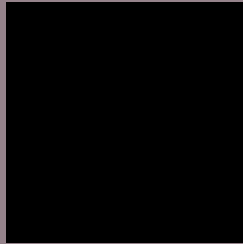
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4862, 0.3249, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 24.4862, 0.3249, 0.3160.



This preview shows how white text looks on a background with the Yxy color 24.4862, 0.3249, 0.3160.

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

24.4862, 0.3249, 0.3160

Protanopia

24.5694, 0.3088, 0.3189

Deuteranopia

24.5697, 0.3224, 0.3176



Tritanopia

24.5452, 0.3227, 0.3128

Trichromacy



Original Color

24.4862, 0.3249, 0.3160

Protanomaly

24.6064, 0.3143, 0.3190

Deuteranomaly

24.6625, 0.3236, 0.3176

Tritanomaly

24.5156, 0.3238, 0.3144

Monochromacy



Original Color

24.4862, 0.3249, 0.3160

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.8256, 0.3163, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4862, 0.3249, 0.3160 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, 131, 139)` looks like.

```
.text, #text, p{  
    color:rgb(149, 131, 139)  
}
```

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, 131, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 131, 139) }
```

Border

The CSS property to change the border of an element to Yxy 24.4862, 0.3249, 0.3160 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, 131, 139) }
```

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

```
.border{ border-color:rgb(149, 131, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 131, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 131, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 131, 139);  
box-shadow:4px 4px 4px 4px rgb(149, 131,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4862, 0.3249, 0.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 131, 139) }
```

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

```
.background{ background-color: rgb(149,  
131, 139) }
```

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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