

Converting Colors

$Y_{xy}(24.8982, 0.3258, 0.3170)$

Have a look what the booklet for
Yxy(24.8982, 0.3258, 0.3170)
contains.

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Color

Yxy(24.8506, 0.3259, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	96848B
RGB	150, 132, 139
RGB Percent	59%, 52%, 55%
CMY	0.4117, 0.4824, 0.4549
CMYK	0.00, 0.12, 0.07, 0.41
HSL	337°, 8%, 55%
HSV	337°, 12%, 59%
XYZ	25.4920, 24.8506, 27.8777
YIQ	138.1800, 8.4810, 5.9930

Conversions

Conversions Part 2

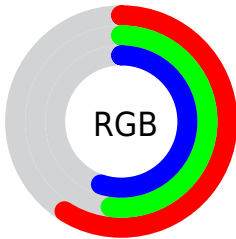
Format	Color
R_{YB}	150, 132, 139
Decimal	9864331
CIE _{Lab}	56.93, 8.10, -1.26
CIE _{LCh}	57, 8.193, 351.174
Yxy	24.8506, 0.3259, 0.3177
Android (android.graphics.Color)	4288054411 (0xFF96848B)
YUV	138.1800, 0.4043, 10.3661
Hunter-Lab	49.8504, 4.0415, 1.7386

Details

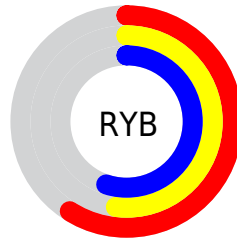
The Yxy color $24.8506, 0.3259, 0.3177$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $28.7092, 0.3011, 0.3406$, and the grayscale version is $25.4852, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.3411, 0.3232, 0.3206$, and $9.5604, 0.3307, 0.3148$ is the 20% darker color. If you saturate the color by 10%, you get $20.8143, 0.3395, 0.3077$, and if you desaturate by 10%, it is $29.4968, 0.3147, 0.3272$.

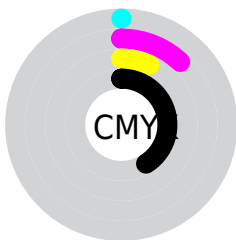
Distribution



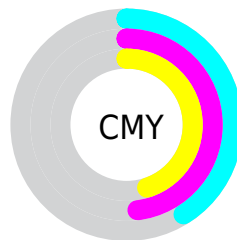
- Red (59%)
- Green (52%)
- Blue (55%)



- Red (59%)
- Yellow (52%)
- Blue (55%)



- Cyan (0%)
- Magenta (12%)
- Yellow (7%)
- Black (41%)




- Cyan (41%)
- Magenta (48%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.8506, 0.3259, 0.3177 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 24.8506, 0.3259, 0.3177 by changing the saturation by 10% instead.


 24.8506, 0.3259,
0.3177


 24.8506, 0.3259,
0.3177


277.0931, 0.3186,
0.3239


 15.9658, 0.3280,
0.3159


 51.4147, 0.3231,
0.3201

 9.4999, 0.3308,
0.3135


 69.8629, 0.3221,
0.3210

 5.0687, 0.3350,
0.3100

 92.2675, 0.3213,
0.3217

 2.2876, 0.3417,
0.3044

119.0132, 0.3206,
0.3223

 0.7671, 0.3548,
0.2928

150.4842, 0.3200,
0.3228

 0.0000, 0.0000,
0.0000

187.0649, 0.3195,

0.3232

229.1397, 0.3190,
0.3236

■ 24.8506, 0.3259,
0.3177

■ 24.8506, 0.3259,
0.3177

■ 20.8143, 0.3395,
0.3077

■ 29.4968, 0.3147,
0.3272

■ 17.3591, 0.3558,
0.2975

■ 34.7734, 0.3055,
0.3360

■ 14.4589, 0.3753,
0.2874

■ 40.7042, 0.2979,
0.3442

■ 12.0844, 0.3983,
0.2780

■ 47.3107, 0.2917,
0.3517

■ 10.2033, 0.4247,
0.2704

■ 54.6132, 0.2865,
0.3585

■ 8.7801, 0.4539,
0.2655

■ 62.6316, 0.2822,
0.3648

■ 7.7740, 0.4846,
0.2647

■ 71.3846, 0.2786,
0.3705

■ 7.1372, 0.5151,
0.2686

■ 80.8903, 0.2756,
0.3758

■ 6.7944, 0.5386,
0.2740

■ 83.2578, 0.2715,
0.3678

Harmonies

Analogous

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



24.8506, 0.3118, 0.3089



24.8506, 0.3259, 0.3177



24.8506, 0.3365, 0.3295

Triad

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



24.8506, 0.3259, 0.3177



24.8506, 0.3269, 0.3538



24.8506, 0.2856, 0.3157

Complementary

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



24.8506, 0.3259, 0.3177



28.7092, 0.3011, 0.3406

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.



24.8506, 0.2894, 0.3278



24.8506, 0.3259, 0.3177



24.8506, 0.3131, 0.3503

Square

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



24.8506, 0.3259, 0.3177



24.8506, 0.3371, 0.3504



24.8506, 0.2994, 0.3407



24.8506, 0.2888, 0.3075

Rectangle

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



24.8506, 0.3259, 0.3177



24.8506, 0.3401, 0.3376



24.8506, 0.2994, 0.3407



24.8506, 0.2861, 0.3194

Sweetspot

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



24.8517, 0.3259, 0.3177



50.2576, 0.3169, 0.3253



24.5271, 0.3061, 0.2996



11.0067, 0.3176, 0.3246



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.



24.8517, 0.3259, 0.3177



42.1413, 0.3287, 0.3155



25.1467, 0.3333, 0.3320



5.8505, 0.3225, 0.3204



5.6392, 0.5367, 0.2730



0.0745, 0.4341, 0.2165

Inverse Universe

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



24.8517, 0.3259, 0.3177



42.1413, 0.3287, 0.3155



28.3571, 0.2948, 0.3260



5.8505, 0.3225, 0.3204



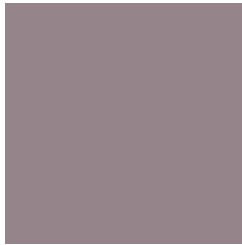
5.6392, 0.5367, 0.2730



0.0745, 0.4341, 0.2165

Previews

White Background



This preview shows how the Yxy color 24.8506, 0.3259, 0.3177 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 24.8506, 0.3259, 0.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

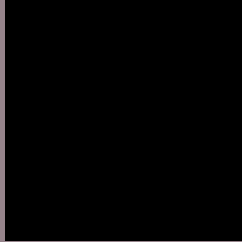
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8506, 0.3259, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 24.8506, 0.3259, 0.3177.



This preview shows how white text looks on a background with the Yxy color 24.8506, 0.3259, 0.3177.

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

24.8506, 0.3259, 0.3177

Protanopia

24.9347, 0.3098, 0.3206

Deuteranopia

24.7562, 0.3247, 0.3177



Tritanopia

24.9396, 0.3226, 0.3129

Trichromacy



Original Color

24.8506, 0.3259, 0.3177

Protanomaly

24.9722, 0.3153, 0.3207

Deuteranomaly

24.7562, 0.3247, 0.3177

Tritanomaly

24.9096, 0.3237, 0.3145

Monochromacy



Original Color

24.8506, 0.3259, 0.3177

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.1941, 0.3173, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8506, 0.3259, 0.3177 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(150, 132, 139)` looks like.

```
.text, #text, p{  
    color:rgb(150, 132, 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(150, 132, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 132, 139) }
```

Border

The CSS property to change the border of an element to Yxy 24.8506, 0.3259, 0.3177 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(150, 132, 139) }
```

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

```
.border{ border-color:rgb(150, 132, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 132, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 132, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 132, 139);  
box-shadow:4px 4px 4px 4px rgb(150, 132,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8506, 0.3259, 0.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 132, 139) }
```

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

```
.background{ background-color: rgb(150,  
132, 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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