

Converting Colors

$Y_{xy}(25.4953, 0.3267, 0.3210)$

Have a look what the booklet for
Yxy(25.4953, 0.3267, 0.3210)
contains.

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Color

Yxy(25.4936, 0.3267, 0.3210)

Conversions

Conversions Part 1

Format	Color
Hex	97868B
RGB	151, 134, 139
RGB Percent	59%, 53%, 55%
CMY	0.4079, 0.4745, 0.4549
CMYK	0.00, 0.11, 0.08, 0.41
HSL	342°, 8%, 56%
HSV	342°, 11%, 59%
XYZ	25.9463, 25.4936, 27.9794
YIQ	139.6530, 8.5270, 5.1590

Conversions

Conversions Part 2

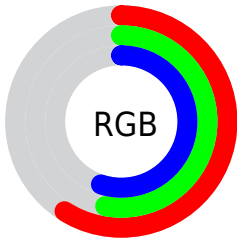
Format	Color
R _Y B	151, 134, 139
Decimal	9930379
CIE Lab	57.55, 7.31, -0.34
CIE LCh	58, 7.319, 357.369
Yxy	25.4936, 0.3267, 0.3210
Android (android.graphics.Color)	4288120459 (0xFF97868B)
YUV	139.6530, -0.3219, 9.9513
Hunter-Lab	50.4912, 3.3676, 2.4886

Details

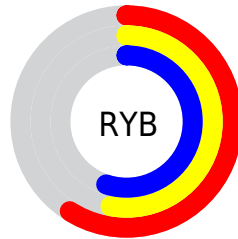
The Yxy color $25.4936, 0.3267, 0.3210$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $29.2740, 0.3004, 0.3372$, and the grayscale version is $26.0829, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.3256, 0.3239, 0.3230$, and $9.7712, 0.3321, 0.3173$ is the 20% darker color. If you saturate the color by 10%, you get $21.3178, 0.3421, 0.3134$, and if you desaturate by 10%, it is $30.2980, 0.3141, 0.3281$.

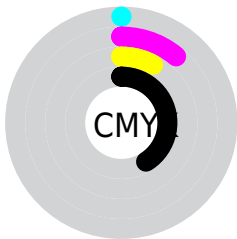
Distribution



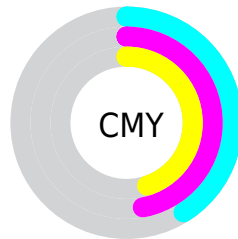
- Red (59%)
- Green (53%)
- Blue (55%)



- Red (59%)
- Yellow (53%)
- Blue (55%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (41%)





- Cyan (41%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4936, 0.3267, 0.3210 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 25.4936, 0.3267, 0.3210 by changing the saturation by 10% instead.


 25.4936, 0.3267,
0.3210


 25.4936, 0.3267,
0.3210


280.2873, 0.3190,
0.3254


 16.4452, 0.3289,
0.3197


 52.4569, 0.3237,
0.3227

 9.8397, 0.3319,
0.3180


 71.1405, 0.3227,
0.3233

 5.2928, 0.3363,
0.3155

 93.8047, 0.3218,
0.3238

 2.4201, 0.3433,
0.3115

120.8338, 0.3210,
0.3242

 0.8362, 0.3564,
0.3040


152.6122, 0.3204,
0.3246


 0.0000, 0.0000,
0.0000


189.5243, 0.3199,


0.3249


231.9545, 0.3194,
0.3252


 25.4936, 0.3267,
0.3210


 25.4936, 0.3267,
0.3210


 21.3178, 0.3421,
0.3134


 30.2980, 0.3141,
0.3281


 17.7411, 0.3608,
0.3056


 35.7521, 0.3038,
0.3348


 14.7371, 0.3834,
0.2979

 41.8802, 0.2954,
0.3409

 12.2755, 0.4102,
0.2909

 48.7042, 0.2884,
0.3465

 10.3235, 0.4413,
0.2853

 56.2451, 0.2827,
0.3516

■ 8.8450, 0.4758,
0.2822

■ 64.5231, 0.2780,
0.3562

■ 7.7984, 0.5118,
0.2827

■ 73.5576, 0.2740,
0.3604

■ 7.1355, 0.5466,
0.2875

■ 83.3670, 0.2707,
0.3643

■ 6.7632, 0.5745,
0.2938

■ 84.0926, 0.2657,
0.3518

Harmonies

Analogous

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



25.4936, 0.3146, 0.3124



25.4936, 0.3267, 0.3210



25.4936, 0.3351, 0.3317

Triad

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



25.4936, 0.3267, 0.3210



25.4936, 0.3230, 0.3508



25.4936, 0.2887, 0.3154

Complementary

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



25.4936, 0.3267, 0.3210



29.2740, 0.3004, 0.3372

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.



25.4936, 0.2908, 0.3256



25.4936, 0.3267, 0.3210



25.4936, 0.3105, 0.3465

Square

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



25.4936, 0.3267, 0.3210



25.4936, 0.3328, 0.3491



25.4936, 0.2987, 0.3371



25.4936, 0.2928, 0.3091

Rectangle

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



25.4936, 0.3267, 0.3210



25.4936, 0.3374, 0.3388



25.4936, 0.2987, 0.3371



25.4936, 0.2887, 0.3185

Sweetspot

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



25.4947, 0.3267, 0.3210



52.6233, 0.3162, 0.3269



25.3877, 0.3084, 0.3017



11.8042, 0.3171, 0.3263



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.



25.4947, 0.3267, 0.3210



44.0700, 0.3296, 0.3195



26.3062, 0.3315, 0.3345



6.2511, 0.3240, 0.3225



5.7590, 0.5729, 0.2929



0.0919, 0.4683, 0.2353

Inverse Universe

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



25.4947, 0.3267, 0.3210



44.0700, 0.3296, 0.3195



28.3554, 0.2959, 0.3234



6.2511, 0.3240, 0.3225



5.7590, 0.5729, 0.2929



0.0919, 0.4683, 0.2353

Previews

White Background



This preview shows how the Yxy color 25.4936, 0.3267, 0.3210 looks on a white background.

Color Contrast Check

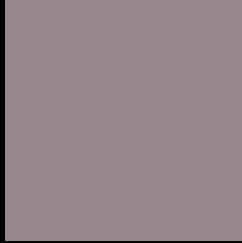
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4936, 0.3267, 0.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

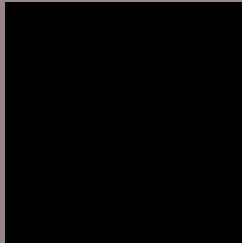
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4936, 0.3267, 0.3210

Background



This preview shows how black text looks on a background with the Yxy color 25.4936, 0.3267, 0.3210.



This preview shows how white text looks on a background with the Yxy color 25.4936, 0.3267, 0.3210.

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

25.4936, 0.3267, 0.3210

Protanopia

25.6755, 0.3119, 0.3240

Deuteranopia

25.4936, 0.3267, 0.3210



Tritanopia

25.4641, 0.3226, 0.3115

Trichromacy



Original Color

25.4936, 0.3267, 0.3210

Protanomaly

25.7141, 0.3174, 0.3241

Deuteranomaly

25.4936, 0.3267, 0.3210

Tritanomaly

25.4035, 0.3248, 0.3147

Monochromacy



Original Color

25.4936, 0.3267, 0.3210

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.9997, 0.3173, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4936, 0.3267, 0.3210 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(151, 134, 139)` looks like.

```
.text, #text, p{  
    color:rgb(151, 134, 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(151, 134, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 134, 139) }
```

Border

The CSS property to change the border of an element to Yxy 25.4936, 0.3267, 0.3210 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(151, 134, 139) }
```

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

```
.border{ border-color:rgb(151, 134, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 134, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 134, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 134, 139);  
box-shadow:4px 4px 4px 4px rgb(151, 134,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4936, 0.3267, 0.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 134, 139) }
```

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

```
.background{ background-color: rgb(151,  
134, 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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