

Converting Colors

$Y_{xy}(24.9870, 0.3400, 0.3052)$

Have a look what the booklet for
Yxy(24.9870, 0.3400, 0.3052)
contains.

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Color

Yxy(25.0243, 0.3398, 0.3061)

Conversions

Conversions Part 1

Format	Color
Hex	A47F8E
RGB	164, 127, 142
RGB Percent	64%, 50%, 56%
CMY	0.3569, 0.5019, 0.4432
CMYK	0.00, 0.23, 0.13, 0.36
HSL	336°, 17%, 57%
HSV	336°, 23%, 64%
XYZ	27.7793, 25.0243, 28.9484
YIQ	139.7730, 17.2370, 12.5090

Conversions

Conversions Part 2

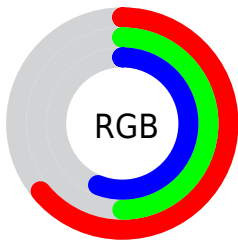
Format	Color
R_{YB}	164, 127, 142
Decimal	10780558
CIE Lab	57.10, 16.73, -2.57
CIE LCh	57, 16.930, 351.268
Yxy	25.0243, 0.3398, 0.3061
Android (android.graphics.Color)	4288970638 (0xFFA47F8E)
YUV	139.7730, 1.0979, 21.2471
Hunter-Lab	50.0243, 11.5816, 0.7067

Details

The Yxy color $25.0243, 0.3398, 0.3061$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $33.2322, 0.2918, 0.3532$, and the grayscale version is $26.1236, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.6881, 0.3334, 0.3105$, and $9.6662, 0.3500, 0.2984$ is the 20% darker color. If you saturate the color by 10%, you get $20.8477, 0.3560, 0.2954$, and if you desaturate by 10%, it is $29.9183, 0.3263, 0.3166$.

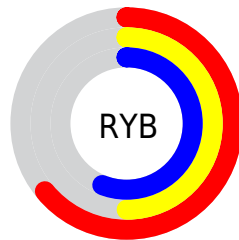
Distribution



Red (64%)

Green (50%)

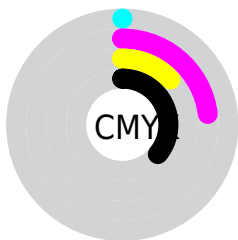
Blue (56%)



Red (64%)

Yellow (50%)

Blue (56%)

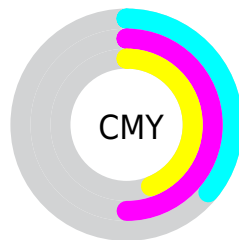


Cyan (0%)

Magenta (23%)

Yellow (13%)

Black (36%)



Cyan (36%)


Magenta (50%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0243, 0.3398, 0.3061 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 25.0243, 0.3398, 0.3061 by changing the saturation by 10% instead.


 25.0243, 0.3398,
0.3061


 25.0243, 0.3398,
0.3061


277.9589, 0.3249,
0.3186


 16.0952, 0.3440,
0.3026


 51.6966, 0.3340,
0.3109

 9.5915, 0.3498,
0.2978


 70.2086, 0.3320,
0.3126

 5.1290, 0.3582,
0.2910

 92.6837, 0.3303,
0.3141

 2.3231, 0.3715,
0.2802

119.5062, 0.3289,
0.3152

 0.7859, 0.3962,
0.2603

151.0606, 0.3277,
0.3163

 0.0000, 1.0000,
0.0000

187.7313, 0.3266,

 0.0000, 0.0000,

0.3171

0.0000

229.9026, 0.3257,
0.3179

■ 25.0243, 0.3398,
0.3061

■ 25.0243, 0.3398,
0.3061

■ 20.8477, 0.3560,
0.2954

■ 29.9183, 0.3263,
0.3166

■ 17.3512, 0.3754,
0.2848

■ 35.5580, 0.3152,
0.3266

■ 14.4992, 0.3981,
0.2751

■ 41.9744, 0.3061,
0.3359

■ 12.2514, 0.4241,
0.2672

■ 49.1956, 0.2985,
0.3445

■ 10.5629, 0.4527,
0.2623

■ 57.2483, 0.2923,
0.3524

■ 9.3826, 0.4828,
0.2616

■ 66.1579, 0.2872,
0.3596

■ 8.6497, 0.5125,
0.2660

■ 75.9490, 0.2829,
0.3663

■ 8.2896, 0.5337,
0.2714

■ 84.5831, 0.2791,
0.3689

■ 85.1158, 0.2743,
0.3574

Harmonies

Analogous

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



25.0243, 0.3105, 0.2888



25.0243, 0.3398, 0.3061



25.0243, 0.3623, 0.3292

Triad

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



25.0243, 0.3398, 0.3061



25.0243, 0.3413, 0.3810



25.0243, 0.2579, 0.3007

Complementary

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



25.0243, 0.3398, 0.3061



33.2322, 0.2918, 0.3532

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.



25.0243, 0.2653, 0.3257



25.0243, 0.3398, 0.3061



25.0243, 0.3128, 0.3742

Square

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



25.0243, 0.3398, 0.3061



25.0243, 0.3629, 0.3726



25.0243, 0.2851, 0.3533



25.0243, 0.2642, 0.2849

Rectangle

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



25.0243, 0.3398, 0.3061



25.0243, 0.3698, 0.3455



25.0243, 0.2851, 0.3533



25.0243, 0.2589, 0.3082

Sweetspot

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



25.0254, 0.3398, 0.3061



59.6890, 0.3200, 0.3221



24.2118, 0.2983, 0.2714



12.9266, 0.3206, 0.3215



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



25.0254, 0.3398, 0.3061



41.5123, 0.3475, 0.3008



25.4141, 0.3565, 0.3339



7.1313, 0.3224, 0.3199



6.3656, 0.5313, 0.2700



0.1430, 0.4409, 0.2203

Inverse Universe

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



25.0254, 0.3398, 0.3061



41.5123, 0.3475, 0.3008



32.6518, 0.2797, 0.3240



7.1313, 0.3224, 0.3199



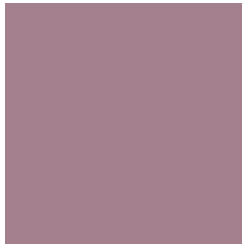
6.3656, 0.5313, 0.2700



0.1430, 0.4409, 0.2203

Previews

White Background



This preview shows how the Yxy color 25.0243, 0.3398, 0.3061 looks on a white background.

Color Contrast Check

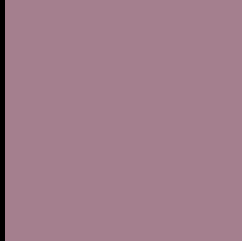
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0243, 0.3398, 0.3061 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 25.0243, 0.3398, 0.3061

Background



This preview shows how black text looks on a background with the Yxy color 25.0243, 0.3398, 0.3061.



This preview shows how white text looks on a background with the Yxy color 25.0243, 0.3398, 0.3061.

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

25.0243, 0.3398, 0.3061

Protanopia

25.0648, 0.3017, 0.3091

Deuteranopia

25.0877, 0.3224, 0.3161



Tritanopia

25.0599, 0.3430, 0.3136

Trichromacy



Original Color

25.0243, 0.3398, 0.3061

Protanomaly

25.0534, 0.3148, 0.3080

Deuteranomaly

25.0257, 0.3284, 0.3131

Tritanomaly

25.0890, 0.3419, 0.3121

Monochromacy



Original Color

25.0243, 0.3398, 0.3061

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.6406, 0.3222, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0243, 0.3398, 0.3061 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(164, 127, 142)` looks like.

```
.text, #text, p{  
    color:rgb(164, 127, 142)  
}
```

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(164, 127, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 127, 142) }
```

Border

The CSS property to change the border of an element to Yxy 25.0243, 0.3398, 0.3061 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(164, 127, 142) }
```

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

```
.border{ border-color:rgb(164, 127, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 127, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 127, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 127, 142);  
box-shadow:4px 4px 4px 4px rgb(164, 127,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0243, 0.3398, 0.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 127, 142) }
```

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

```
.background{ background-color: rgb(164,  
127, 142) }
```

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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