

Converting Colors

$Y_{xy}(25.1169, 0.3465, 0.3125)$

Have a look what the booklet for
Yxy(25.1169, 0.3465, 0.3125)
contains.

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Color

Yxy(25.1207, 0.3468, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	A67F8A
RGB	166, 127, 138
RGB Percent	65%, 50%, 54%
CMY	0.3492, 0.5019, 0.4588
CMYK	0.00, 0.23, 0.17, 0.35
HSL	343°, 18%, 57%
HSV	343°, 23%, 65%
XYZ	27.8958, 25.1207, 27.4212
YIQ	139.9150, 19.7130, 11.6890

Conversions

Conversions Part 2

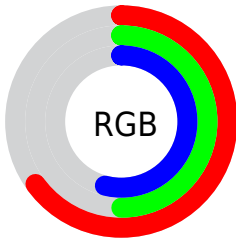
Format	Color
R_{YB}	166, 127, 138
Decimal	10911626
CIE Lab	57.19, 16.79, -0.11
CIE LCh	57, 16.793, 359.638
Yxy	25.1207, 0.3468, 0.3123
Android (android.graphics.Color)	4289101706 (0xFFA67F8A)
YUV	139.9150, -0.9441, 22.8765
Hunter-Lab	50.1206, 11.6375, 2.6465

Details

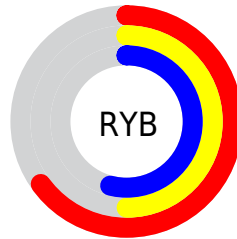
The Yxy color $25.1207, 0.3468, 0.3123$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $34.1371, 0.2872, 0.3464$, and the grayscale version is $26.1884, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.9337, 0.3402, 0.3164$, and $9.6641, 0.3590, 0.3072$ is the 20% darker color. If you saturate the color by 10%, you get $20.8549, 0.3669, 0.3048$, and if you desaturate by 10%, it is $30.1328, 0.3303, 0.3197$.

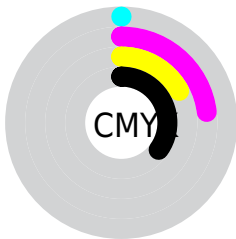
Distribution



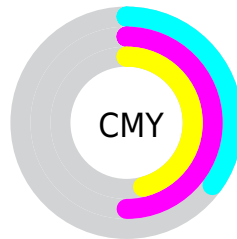
- Red (65%)
- Green (50%)
- Blue (54%)



- Red (65%)
- Yellow (50%)
- Blue (54%)



- Cyan (0%)
- Magenta (23%)
- Yellow (17%)
- Black (35%)





- Cyan (35%)
- Magenta (50%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1207, 0.3468, 0.3123 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 25.1207, 0.3468, 0.3123 by changing the saturation by 10% instead.


 25.1207, 0.3468,
0.3123


 25.1207, 0.3468,
0.3123


278.4385, 0.3280,
0.3215

 16.1670, 0.3522,
0.3097


 51.8530, 0.3395,
0.3159

 9.6424, 0.3596,
0.3060


 70.4003, 0.3369,
0.3172

 5.1625, 0.3704,
0.3007

 92.9144, 0.3348,
0.3182

 2.3429, 0.3876,
0.2923

119.7795, 0.3330,
0.3191

 0.7963, 0.4201,
0.2764

151.3800, 0.3315,
0.3198

 0.0000, 1.0000,
0.0000


188.1005, 0.3301,


 0.0000, 0.0000,


0.3205


0.0000

230.3252, 0.3290,
0.3210


 25.1207, 0.3468,
0.3123


 25.1207, 0.3468,
0.3123


 20.8549, 0.3669,
0.3048


 30.1328, 0.3303,
0.3197


 17.2963, 0.3912,
0.2974


 35.9210, 0.3168,
0.3267


 14.4072, 0.4200,
0.2909

 42.5180, 0.3058,
0.3332

 12.1452, 0.4529,
0.2861

 49.9532, 0.2968,
0.3392

 10.4629, 0.4890,
0.2841

 58.2547, 0.2894,
0.3447

■ 9.3061, 0.5259,
0.2859

■ 67.4492, 0.2833,
0.3497

■ 8.6101, 0.5603,
0.2921

■ 77.5625, 0.2783,
0.3542

■ 8.3059, 0.5806,
0.2972

■ 85.5254, 0.2736,
0.3532

■ 86.2312, 0.2678,
0.3396

Harmonies

Analogous

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



25.1207, 0.3188, 0.2932



25.1207, 0.3468, 0.3123



25.1207, 0.3658, 0.3360

Triad

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



25.1207, 0.3468, 0.3123



25.1207, 0.3336, 0.3802



25.1207, 0.2588, 0.2955

Complementary

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



25.1207, 0.3468, 0.3123



34.1371, 0.2872, 0.3464

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.



25.1207, 0.2624, 0.3182



25.1207, 0.3468, 0.3123



25.1207, 0.3047, 0.3691

Square

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



25.1207, 0.3468, 0.3123



25.1207, 0.3576, 0.3758



25.1207, 0.2788, 0.3457



25.1207, 0.2687, 0.2830

Rectangle

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



25.1207, 0.3468, 0.3123



25.1207, 0.3702, 0.3518



25.1207, 0.2788, 0.3457



25.1207, 0.2584, 0.3021

Sweetspot

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



25.1218, 0.3468, 0.3123



61.2056, 0.3214, 0.3242



24.8974, 0.3032, 0.2699



13.5626, 0.3222, 0.3238



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



25.1218, 0.3468, 0.3123



41.5340, 0.3565, 0.3085



27.0915, 0.3571, 0.3421



7.5758, 0.3243, 0.3227



6.4515, 0.5783, 0.2959



0.1656, 0.4873, 0.2458

Inverse Universe

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



25.1218, 0.3468, 0.3123



41.5340, 0.3565, 0.3085



31.5564, 0.2777, 0.3155



7.5758, 0.3243, 0.3227



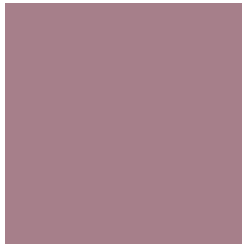
6.4515, 0.5783, 0.2959



0.1656, 0.4873, 0.2458

Previews

White Background



This preview shows how the Yxy color 25.1207, 0.3468, 0.3123 looks on a white background.

Color Contrast Check

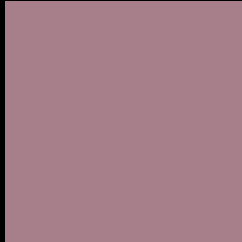
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1207, 0.3468, 0.3123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

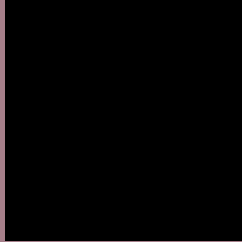
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1207, 0.3468, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 25.1207, 0.3468, 0.3123.



This preview shows how white text looks on a background with the Yxy color 25.1207, 0.3468, 0.3123.

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

25.1207, 0.3468, 0.3123

Protanopia

25.3082, 0.3067, 0.3173

Deuteranopia

25.1605, 0.3291, 0.3226



Tritanopia

25.0919, 0.3480, 0.3138

Trichromacy



Original Color

25.1207, 0.3468, 0.3123

Protanomaly

25.0240, 0.3202, 0.3144

Deuteranomaly

25.1067, 0.3353, 0.3195

Tritanomaly

25.0919, 0.3480, 0.3138

Monochromacy



Original Color

25.1207, 0.3468, 0.3123

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.5816, 0.3243, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1207, 0.3468, 0.3123 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(166, 127, 138)` looks like.

```
.text, #text, p{  
    color:rgb(166, 127, 138)  
}
```

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(166, 127, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 127, 138) }
```

Border

The CSS property to change the border of an element to Yxy 25.1207, 0.3468, 0.3123 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(166, 127, 138) }
```

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

```
.border{ border-color:rgb(166, 127, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 127, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 127, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 127, 138);  
box-shadow:4px 4px 4px 4px rgb(166, 127,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1207, 0.3468, 0.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 127, 138) }
```

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

```
.background{ background-color: rgb(166,  
127, 138) }
```

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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