

Converting Colors

$Y_{xy}(25.8989, 0.3643, 0.3058)$

Have a look what the booklet for
Yxy(25.8989, 0.3643, 0.3058)
contains.

Yxy(25.8538, 0.3647, 0.3062)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.8538, 0.3647, 0.3062)

Conversions

Conversions Part 1

Format	Color
Hex	B57B8B
RGB	181, 123, 139
RGB Percent	71%, 48%, 55%
CMY	0.2903, 0.5176, 0.4550
CMYK	0.00, 0.32, 0.23, 0.29
HSL	343°, 28%, 60%
HSV	343°, 32%, 71%
XYZ	30.7932, 25.8538, 27.7873
YIQ	142.1660, 29.4320, 17.2720

Conversions

Conversions Part 2

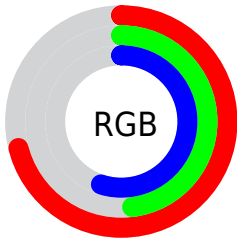
Format	Color
R _Y B	181, 123, 139
Decimal	11893643
CIE Lab	57.90, 24.88, 0.55
CIE LCh	58, 24.887, 1.267
Yxy	25.8538, 0.3647, 0.3062
Android (android.graphics.Color)	4290083723 (0xFFB57B8B)
YUV	142.1660, -1.5608, 34.0574
Hunter-Lab	50.8466, 19.1197, 3.1911

Details

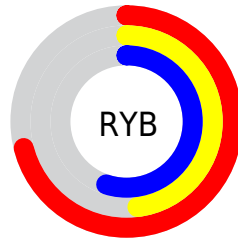
The Yxy color $25.8538, 0.3647, 0.3062$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $39.9653, 0.2783, 0.3534$, and the grayscale version is $27.1172, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.0336, 0.3542, 0.3115$, and $9.9984, 0.3847, 0.2973$ is the 20% darker color. If you saturate the color by 10%, you get $21.4110, 0.3889, 0.2989$, and if you desaturate by 10%, it is $31.1750, 0.3447, 0.3136$.

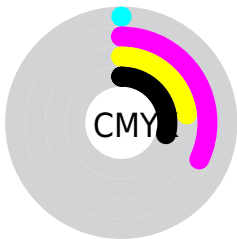
Distribution



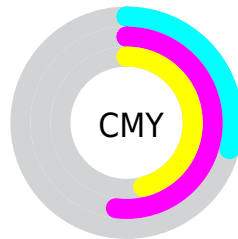
- Red (71%)
- Green (48%)
- Blue (55%)



- Red (71%)
- Yellow (48%)
- Blue (55%)



- Cyan (0%)
- Magenta (32%)
- Yellow (23%)
- Black (29%)





- Cyan (29%)
- Magenta (52%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8538, 0.3647, 0.3062 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 25.8538, 0.3647, 0.3062 by changing the saturation by 10% instead.


 25.8538, 0.3647,
0.3062


 25.8538, 0.3647,
0.3062

282.0637, 0.3361,
0.3188


 16.7143, 0.3728,
0.3026


 53.0390, 0.3536,
0.3111

 10.0310, 0.3839,
0.2977


 71.8535, 0.3497,
0.3128

 5.4195, 0.4000,
0.2905

 94.6617, 0.3464,
0.3143

 2.4955, 0.4253,
0.2792

121.8482, 0.3437,
0.3155

 0.8744, 0.4708,
0.2588

153.7972, 0.3414,
0.3165

 0.0000, 1.0000,
0.0000

190.8932, 0.3394,

 0.0000, 0.0000,

0.3173

0.0000

233.5205, 0.3377,
0.3181

■ 25.8538, 0.3647,
0.3062

■ 25.8538, 0.3647,
0.3062

■ 21.4110, 0.3889,
0.2989

■ 31.1750, 0.3447,
0.3136

■ 17.7955, 0.4176,
0.2924

■ 37.4148, 0.3284,
0.3209

■ 14.9566, 0.4507,
0.2875


■ 44.6153, 0.3151,
0.3277


■ 12.8365, 0.4871,
0.2853


■ 52.8148, 0.3042,
0.3340


■ 11.3691, 0.5246,
0.2868

■ 62.0497, 0.2954,
0.3398


 10.4758, 0.5597,
0.2926

 72.3545, 0.2881,
0.3451

 10.0493, 0.5844,
0.2993

 83.7619, 0.2822,
0.3500

 87.8645, 0.2760,
0.3410

 88.5603, 0.2706,
0.3289

Harmonies

Analogous

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



25.8538, 0.3235, 0.2790



25.8538, 0.3647, 0.3062



25.8538, 0.3919, 0.3397

Triad

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



25.8538, 0.3647, 0.3062



25.8538, 0.3400, 0.4050



25.8538, 0.2356, 0.2780

Complementary

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



25.8538, 0.3647, 0.3062



39.9653, 0.2783, 0.3534

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.



25.8538, 0.2394, 0.3099



25.8538, 0.3647, 0.3062



25.8538, 0.2980, 0.3879

Square

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



25.8538, 0.3647, 0.3062



25.8538, 0.3763, 0.3979



25.8538, 0.2615, 0.3512



25.8538, 0.2504, 0.2621

Rectangle

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



25.8538, 0.3647, 0.3062



25.8538, 0.3974, 0.3623



25.8538, 0.2615, 0.3512



25.8538, 0.2347, 0.2870

Sweetspot

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



25.8550, 0.3647, 0.3062



69.2935, 0.3257, 0.3222



25.4575, 0.2986, 0.2465



14.6115, 0.3277, 0.3212



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



25.8550, 0.3647, 0.3062



40.8860, 0.3802, 0.3014



28.7402, 0.3791, 0.3473



8.5425, 0.3245, 0.3227



6.9405, 0.5812, 0.2975



0.2285, 0.5007, 0.2532

Inverse Universe

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



25.8550, 0.3647, 0.3062



40.8860, 0.3802, 0.3014



35.7063, 0.2654, 0.3097



8.5425, 0.3245, 0.3227



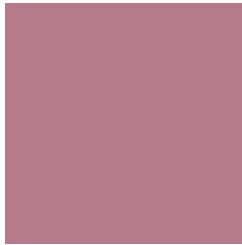
6.9405, 0.5812, 0.2975



0.2285, 0.5007, 0.2532

Previews

White Background



This preview shows how the Yxy color 25.8538, 0.3647, 0.3062 looks on a white background.

Color Contrast Check

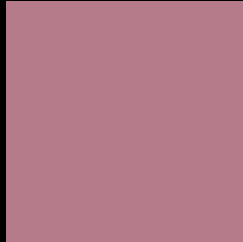
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8538, 0.3647, 0.3062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

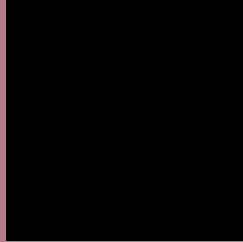
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8538, 0.3647, 0.3062

Background



This preview shows how black text looks on a background with the Yxy color 25.8538, 0.3647, 0.3062.



This preview shows how white text looks on a background with the Yxy color 25.8538, 0.3647, 0.3062.

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

25.8538, 0.3647, 0.3062

Protanopia

26.0923, 0.3038, 0.3142

Deuteranopia

26.0041, 0.3322, 0.3259



Tritanopia

25.8121, 0.3706, 0.3161

Trichromacy



Original Color

25.8538, 0.3647, 0.3062

Protanomaly

25.6894, 0.3238, 0.3101

Deuteranomaly

25.9601, 0.3435, 0.3183

Tritanomaly

25.8679, 0.3682, 0.3132

Monochromacy



Original Color

25.8538, 0.3647, 0.3062

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.3190, 0.3301, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8538, 0.3647, 0.3062 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(181, 123, 139)` looks like.

```
.text, #text, p{  
    color:rgb(181, 123, 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(181, 123, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 123, 139) }
```

Border

The CSS property to change the border of an element to Yxy 25.8538, 0.3647, 0.3062 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(181, 123, 139) }
```

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

```
.border{ border-color:rgb(181, 123, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 123, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 123, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 123, 139);  
box-shadow:4px 4px 4px 4px rgb(181, 123,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8538, 0.3647, 0.3062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 123, 139) }
```

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

```
.background{ background-color: rgb(181,  
123, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor