

Converting Colors

$Yxy(25.0684, 0.3946, 0.3198)$

Have a look what the booklet for
Yxy(25.0684, 0.3946, 0.3198)
contains.

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Color

Yxy(25.1035, 0.3943, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	BC767C
RGB	188, 118, 124
RGB Percent	74%, 46%, 49%
CMY	0.2628, 0.5372, 0.5136
CMYK	0.00, 0.37, 0.34, 0.26
HSL	355°, 34%, 60%
HSV	355°, 37%, 74%
XYZ	30.8551, 25.1035, 22.2942
YIQ	139.6140, 39.7940, 16.7060

Conversions

Conversions Part 2

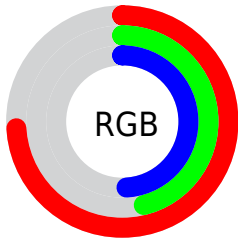
Format	Color
R _Y B	188, 118, 124
Decimal	12351100
CIE Lab	57.18, 28.22, 8.29
CIE LCh	57, 29.413, 16.361
Yxy	25.1035, 0.3943, 0.3208
Android (android.graphics.Color)	4290541180 (0xFFBC767C)
YUV	139.6140, -7.6977, 42.4345
Hunter-Lab	50.1034, 22.2444, 8.6904

Details

The Yxy color $25.1035, 0.3943, 0.3208$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $43.1917, 0.2650, 0.3377$, and the grayscale version is $26.0881, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.8532, 0.3772, 0.3238$, and $9.6288, 0.4270, 0.3160$ is the 20% darker color. If you saturate the color by 10%, you get $20.7116, 0.4289, 0.3188$, and if you desaturate by 10%, it is $30.4559, 0.3657, 0.3231$.

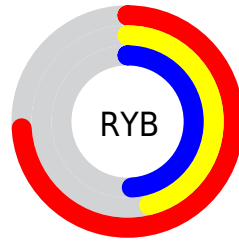
Distribution



Red (74%)

Green (46%)

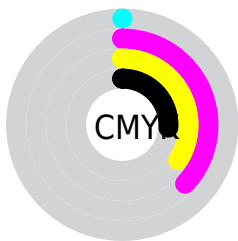
Blue (49%)



Red (74%)

Yellow (46%)

Blue (49%)

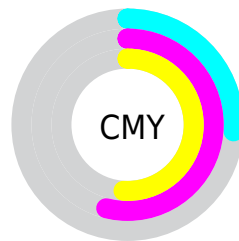


Cyan (0%)

Magenta (37%)

Yellow (34%)

Black (26%)



Cyan (26%)


Magenta (54%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1035, 0.3943, 0.3208 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 25.1035, 0.3943, 0.3208 by changing the saturation by 10% instead.


 25.1035, 0.3943,
0.3208


 25.1035, 0.3943,
0.3208


278.3530, 0.3490,
0.3263


 16.1542, 0.4074,
0.3188


 51.8251, 0.3766,
0.3232

 9.6333, 0.4253,
0.3158


 70.3661, 0.3703,
0.3240

 5.1565, 0.4514,
0.3109

 92.8732, 0.3652,
0.3246

 2.3394, 0.4926,
0.3019

119.7307, 0.3609,
0.3250

 0.7944, 0.5968,
0.2965

151.3231, 0.3572,
0.3254

 0.0000, 1.0000,
0.0000

188.0346, 0.3541,

 0.0000, 0.0000,

0.3258

0.0000

230.2498, 0.3513,
0.3260

■ 25.1035, 0.3943,
0.3208

■ 25.1035, 0.3943,
0.3208

■ 20.7116, 0.4289,
0.3188

■ 30.4559, 0.3657,
0.3231

■ 17.2200, 0.4693,
0.3173

■ 36.8172, 0.3425,
0.3253

■ 14.5673, 0.5139,
0.3169

■ 44.2369, 0.3239,
0.3275


■ 12.6829, 0.5587,
0.3179

■ 52.7601, 0.3089,
0.3295


■ 11.4847, 0.5977,
0.3205

■ 62.4293, 0.2968,
0.3314

 10.8573, 0.6250,
0.3243

 73.2848, 0.2870,
0.3331

 10.7282, 0.6307,
0.3248

 85.3649, 0.2790,
0.3346

 89.4304, 0.2742,
0.3289

Harmonies

Analogous

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



25.1035, 0.3511, 0.2848



25.1035, 0.3943, 0.3208



25.1035, 0.4135, 0.3608

Triad

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



25.1035, 0.3943, 0.3208



25.1035, 0.3193, 0.4142



25.1035, 0.2281, 0.2565

Complementary

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



25.1035, 0.3943, 0.3208



43.1917, 0.2650, 0.3377

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.



25.1035, 0.2214, 0.2844



25.1035, 0.3943, 0.3208



25.1035, 0.2714, 0.3797

Square

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



25.1035, 0.3943, 0.3208



25.1035, 0.3676, 0.4189



25.1035, 0.2364, 0.3295



25.1035, 0.2554, 0.2486

Rectangle

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



25.1035, 0.3943, 0.3208



25.1035, 0.4096, 0.3860



25.1035, 0.2364, 0.3295



25.1035, 0.2235, 0.2636

Sweetspot

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



25.1047, 0.3943, 0.3208



74.6301, 0.3308, 0.3267



26.4121, 0.3094, 0.2361



15.6554, 0.3333, 0.3264



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



25.1047, 0.3943, 0.3208



38.6210, 0.4233, 0.3191



32.5567, 0.3876, 0.3680



9.5493, 0.3275, 0.3271



7.3098, 0.6290, 0.3239



0.2909, 0.5911, 0.3030

Inverse Universe

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



25.1047, 0.3943, 0.3208



38.6210, 0.4233, 0.3191



32.6236, 0.2553, 0.2860



9.5493, 0.3275, 0.3271



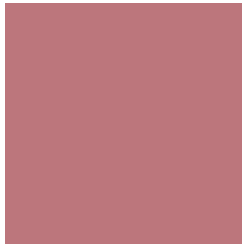
7.3098, 0.6290, 0.3239



0.2909, 0.5911, 0.3030

Previews

White Background



This preview shows how the Yxy color 25.1035, 0.3943, 0.3208 looks on a white background.

Color Contrast Check

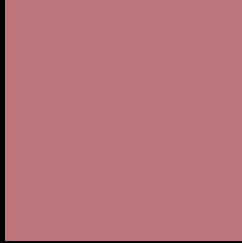
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1035, 0.3943, 0.3208 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 25.1035, 0.3943, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 25.1035, 0.3943, 0.3208.



This preview shows how white text looks on a background with the Yxy color 25.1035, 0.3943, 0.3208.

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

25.1035, 0.3943, 0.3208

Protanopia

25.2753, 0.3203, 0.3340

Deuteranopia

25.3236, 0.3542, 0.3484



Tritanopia

25.1546, 0.3917, 0.3180

Trichromacy



Original Color

25.1035, 0.3943, 0.3208

Protanomaly

24.8461, 0.3459, 0.3291

Deuteranomaly

25.1683, 0.3681, 0.3384

Tritanomaly

25.1289, 0.3930, 0.3194

Monochromacy



Original Color

25.1035, 0.3943, 0.3208

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.3919, 0.3396, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1035, 0.3943, 0.3208 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(188, 118, 124)` looks like.

```
.text, #text, p{  
    color:rgb(188, 118, 124)  
}
```

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(188, 118, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 118, 124) }
```

Border

The CSS property to change the border of an element to Yxy 25.1035, 0.3943, 0.3208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

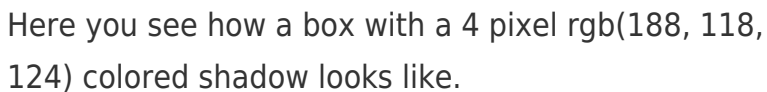
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 118, 124) }
```

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

```
.border{ border-color:rgb(188, 118, 124) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 118, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 118, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 118, 124); box-shadow:4px 4px 4px 4px rgb(188, 118, 124) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1035, 0.3943, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 118, 124) }
```

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

```
.background{ background-color: rgb(188,  
118, 124) }
```

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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