

Converting Colors

$Y_{xy}(25.5262, 0.3930, 0.3214)$

Have a look what the booklet for
Yxy(25.5262, 0.3930, 0.3214)
contains.

Yxy(25.4931, 0.3938, 0.3209)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(25.4931, 0.3938, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	BD777D
RGB	189, 119, 125
RGB Percent	74%, 47%, 49%
CMY	0.2588, 0.5333, 0.5099
CMYK	0.00, 0.37, 0.34, 0.26
HSL	355°, 35%, 60%
HSV	355°, 37%, 74%
XYZ	31.2845, 25.4931, 22.6649
YIQ	140.6140, 39.7940, 16.7060

Conversions

Conversions Part 2

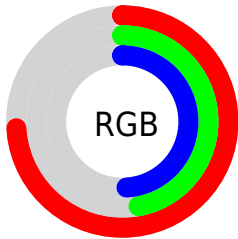
Format	Color
R _Y B	189, 119, 125
Decimal	12416893
CIE Lab	57.55, 28.19, 8.29
CIE LCh	58, 29.378, 16.381
Yxy	25.4931, 0.3938, 0.3209
Android (android.graphics.Color)	4290606973 (0xFFBD777D)
YUV	140.6140, -7.6977, 42.4345
Hunter-Lab	50.4907, 22.2414, 8.7286

Details

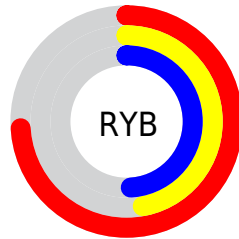
The Yxy color **25.4931, 0.3938, 0.3209** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **43.7404, 0.2652, 0.3376**, and the grayscale version is **26.4963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4936, 0.3759, 0.3227**, and **9.8464, 0.4258, 0.3161** is the 20% darker color. If you saturate the color by 10%, you get **21.0299, 0.4283, 0.3189**, and if you desaturate by 10%, it is **30.9303, 0.3653, 0.3231**.

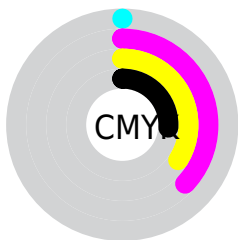
Distribution



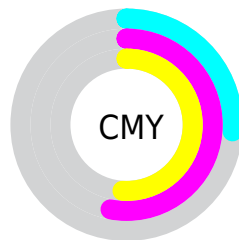
- Red (74%)
- Green (47%)
- Blue (49%)



- Red (74%)
- Yellow (47%)
- Blue (49%)



- Cyan (0%)
- Magenta (37%)
- Yellow (34%)
- Black (26%)




- Cyan (26%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4931, 0.3938, 0.3209 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 25.4931, 0.3938, 0.3209 by changing the saturation by 10% instead.


 25.4931, 0.3938,
0.3209


 25.4931, 0.3938,
0.3209


280.2848, 0.3488,
0.3263


 16.4448, 0.4067,
0.3190


 52.4561, 0.3763,
0.3233

 9.8395, 0.4244,
0.3160


 71.1395, 0.3701,
0.3240

 5.2926, 0.4501,
0.3113

 93.8035, 0.3650,
0.3246

 2.4200, 0.4904,
0.3025

120.8323, 0.3607,
0.3251

 0.8361, 0.5870,
0.2958

152.6105, 0.3570,
0.3255

 0.0000, 1.0000,
0.0000


189.5224, 0.3539,


 0.0000, 0.0000,


0.3258


0.0000

231.9523, 0.3512,
0.3261

 25.4931, 0.3938,
0.3209


 25.4931, 0.3938,
0.3209


 21.0299, 0.4283,
0.3189


 30.9303, 0.3653,
0.3231

 17.4797, 0.4687,
0.3175


 37.3903, 0.3422,
0.3254


 14.7803, 0.5133,
0.3170

 44.9232, 0.3236,
0.3276


 12.8605, 0.5582,
0.3180


 53.5747, 0.3086,
0.3296

 11.6371, 0.5973,
0.3206

 63.3880, 0.2966,
0.3314

 10.9962, 0.6248,
0.3243

 74.4036, 0.2868,
0.3331

 10.8573, 0.6308,
0.3249

 86.6605, 0.2788,
0.3346

 89.5596, 0.2747,
0.3289

Harmonies

Analogous

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



25.4931, 0.3509, 0.2851



25.4931, 0.3938, 0.3209



25.4931, 0.4129, 0.3607

Triad

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



25.4931, 0.3938, 0.3209



25.4931, 0.3192, 0.4136



25.4931, 0.2286, 0.2569

Complementary

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



25.4931, 0.3938, 0.3209



43.7404, 0.2652, 0.3376

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.



25.4931, 0.2219, 0.2846



25.4931, 0.3938, 0.3209



25.4931, 0.2716, 0.3793

Square

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



25.4931, 0.3938, 0.3209



25.4931, 0.3673, 0.4184



25.4931, 0.2368, 0.3295



25.4931, 0.2558, 0.2491

Rectangle

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



25.4931, 0.3938, 0.3209



25.4931, 0.4090, 0.3857



25.4931, 0.2368, 0.3295



25.4931, 0.2240, 0.2640

Sweetspot

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



25.4943, 0.3938, 0.3209



74.6292, 0.3308, 0.3267



26.8149, 0.3094, 0.2365



15.6552, 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.



25.4943, 0.3938, 0.3209



39.3767, 0.4197, 0.3193



33.0206, 0.3871, 0.3678



9.5492, 0.3275, 0.3271



7.3096, 0.6291, 0.3239



0.2909, 0.5914, 0.3032

Inverse Universe

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



25.4943, 0.3938, 0.3209



39.3767, 0.4197, 0.3193



33.0883, 0.2555, 0.2862



9.5492, 0.3275, 0.3271



7.3096, 0.6291, 0.3239



0.2909, 0.5914, 0.3032

Previews

White Background



This preview shows how the Yxy color 25.4931, 0.3938, 0.3209 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 25.4931, 0.3938, 0.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

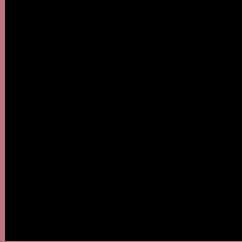
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4931, 0.3938, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 25.4931, 0.3938, 0.3209.



This preview shows how white text looks on a background with the Yxy color 25.4931, 0.3938, 0.3209.

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

25.4931, 0.3938, 0.3209

Protanopia

25.6770, 0.3202, 0.3340

Deuteranopia

25.7244, 0.3539, 0.3483



Tritanopia

25.5448, 0.3911, 0.3181

Trichromacy



Original Color

25.4931, 0.3938, 0.3209

Protanomaly

25.2422, 0.3456, 0.3291

Deuteranomaly

25.5656, 0.3677, 0.3383

Tritanomaly

25.5188, 0.3925, 0.3195

Monochromacy



Original Color

25.4931, 0.3938, 0.3209

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.7934, 0.3394, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4931, 0.3938, 0.3209 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(189, 119, 125)` looks like.

```
.text, #text, p{  
    color:rgb(189, 119, 125)  
}
```

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(189, 119, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 119, 125) }
```

Border

The CSS property to change the border of an element to Yxy 25.4931, 0.3938, 0.3209 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(189, 119, 125) }
```

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

```
.border{ border-color:rgb(189, 119, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 119, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 119, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 119, 125);  
box-shadow:4px 4px 4px 4px rgb(189, 119,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4931, 0.3938, 0.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 119, 125) }
```

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

```
.background{ background-color: rgb(189,  
119, 125) }
```

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