

Converting Colors

$Y_{xy}(25.9275, 0.3947, 0.3235)$

Have a look what the booklet for
Yxy(25.9275, 0.3947, 0.3235)
contains.

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Color

Yxy(25.8608, 0.3945, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	BE787D
RGB	190, 120, 125
RGB Percent	75%, 47%, 49%
CMY	0.2549, 0.5294, 0.5098
CMYK	0.00, 0.37, 0.34, 0.25
HSL	356°, 35%, 61%
HSV	356°, 37%, 75%
XYZ	31.6540, 25.8608, 22.7235
YIQ	141.5000, 40.1150, 16.3950

Conversions

Conversions Part 2

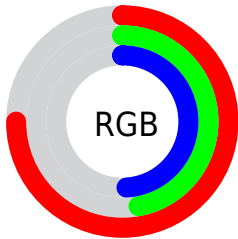
Format	Color
R_{YB}	190, 120, 125
Decimal	12482685
CIE _{Lab}	57.90, 28.02, 8.79
CIE _{LCh}	58, 29.369, 17.415
Yxy	25.8608, 0.3945, 0.3223
Android (android.graphics.Color)	4290672765 (0xFFBE787D)
YUV	141.5000, -8.1345, 42.5345
Hunter-Lab	50.8535, 22.1145, 9.1042

Details

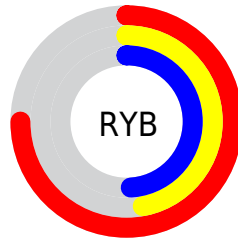
The Yxy color **25.8608, 0.3945, 0.3223** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **44.3257, 0.2648, 0.3361**, and the grayscale version is **26.8641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0580, 0.3765, 0.3238**, and **9.9705, 0.4250, 0.3180** is the 20% darker color. If you saturate the color by 10%, you get **21.3246, 0.4295, 0.3206**, and if you desaturate by 10%, it is **31.3864, 0.3656, 0.3242**.

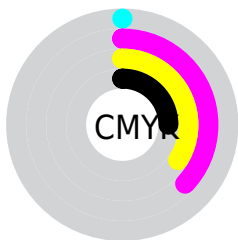
Distribution



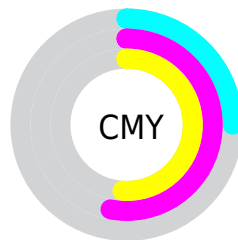
- Red (75%)
- Green (47%)
- Blue (49%)



- Red (75%)
- Yellow (47%)
- Blue (49%)



- Cyan (0%)
- Magenta (37%)
- Yellow (34%)
- Black (25%)





- Cyan (25%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8608, 0.3945, 0.3223 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 25.8608, 0.3945, 0.3223 by changing the saturation by 10% instead.


 25.8608, 0.3945,
0.3223


 25.8608, 0.3945,
0.3223


282.0981, 0.3492,
0.3270


 16.7195, 0.4075,
0.3206


 53.0503, 0.3769,
0.3244

 10.0347, 0.4252,
0.3179


 71.8673, 0.3706,
0.3250

 5.4220, 0.4509,
0.3135

 94.6784, 0.3655,
0.3255

 2.4969, 0.4910,
0.3052

121.8679, 0.3612,
0.3260

 0.8751, 0.5852,
0.2992

153.8202, 0.3575,
0.3263

 0.0000, 1.0000,
0.0000

190.9197, 0.3544,

 0.0000, 0.0000,


0.3265

0.0000


233.5509, 0.3516,
0.3268


 25.8608, 0.3945,
0.3223


 25.8608, 0.3945,
0.3223


 21.3246, 0.4295,
0.3206


 31.3864, 0.3656,
0.3242

 17.7159, 0.4704,
0.3195

 37.9510, 0.3422,
0.3260


 14.9716, 0.5155,
0.3191


 45.6055, 0.3234,
0.3278


 13.0195, 0.5607,
0.3200


 54.3963, 0.3083,
0.3295


 11.7752, 0.5998,
0.3223

 64.3670, 0.2961,
0.3311

 11.1255, 0.6266,
0.3254

 75.5590, 0.2863,
0.3324

 10.9783, 0.6327,
0.3259

 88.0118, 0.2783,
0.3337

 89.6878, 0.2752,
0.3289

Harmonies

Analogous

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



25.8608, 0.3525, 0.2864



25.8608, 0.3945, 0.3223



25.8608, 0.4125, 0.3619

Triad

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



25.8608, 0.3945, 0.3223



25.8608, 0.3175, 0.4125



25.8608, 0.2296, 0.2567

Complementary

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



25.8608, 0.3945, 0.3223



44.3257, 0.2648, 0.3361

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.



25.8608, 0.2222, 0.2836



25.8608, 0.3945, 0.3223



25.8608, 0.2704, 0.3775

Square

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



25.8608, 0.3945, 0.3223



25.8608, 0.3655, 0.4183



25.8608, 0.2363, 0.3277



25.8608, 0.2573, 0.2495

Rectangle

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



25.8608, 0.3945, 0.3223



25.8608, 0.4080, 0.3867



25.8608, 0.2363, 0.3277



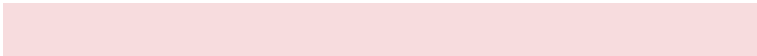
25.8608, 0.2248, 0.2635

Sweetspot

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



25.8621, 0.3945, 0.3223



76.3769, 0.3311, 0.3271



27.3632, 0.3107, 0.2373



16.3538, 0.3336, 0.3268



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



25.8621, 0.3945, 0.3223



40.2472, 0.4215, 0.3210



33.8529, 0.3861, 0.3692



9.5471, 0.3277, 0.3274



7.3041, 0.6311, 0.3250



0.2899, 0.5987, 0.3072

Inverse Universe

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



25.8621, 0.3945, 0.3223



40.2472, 0.4215, 0.3210



33.1442, 0.2555, 0.2846



9.5471, 0.3277, 0.3274



7.3041, 0.6311, 0.3250



0.2899, 0.5987, 0.3072

Previews

White Background



This preview shows how the Yxy color 25.8608, 0.3945, 0.3223 looks on a white background.

Color Contrast Check

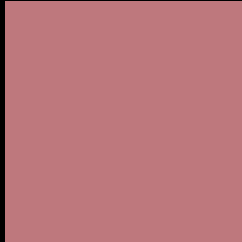
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8608, 0.3945, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

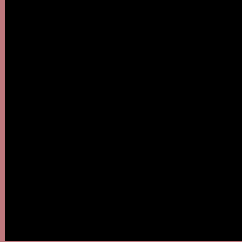
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8608, 0.3945, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 25.8608, 0.3945, 0.3223.



This preview shows how white text looks on a background with the Yxy color 25.8608, 0.3945, 0.3223.

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

25.8608, 0.3945, 0.3223

Protanopia

26.0541, 0.3212, 0.3356

Deuteranopia

25.8263, 0.3551, 0.3482



Tritanopia

25.6993, 0.3910, 0.3167

Trichromacy



Original Color

25.8608, 0.3945, 0.3223

Protanomaly

25.6148, 0.3466, 0.3307

Deuteranomaly

25.6766, 0.3690, 0.3383

Tritanomaly

25.6731, 0.3923, 0.3181

Monochromacy



Original Color

25.8608, 0.3945, 0.3223

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.1987, 0.3392, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8608, 0.3945, 0.3223 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(190, 120, 125)` looks like.

```
.text, #text, p{  
    color:rgb(190, 120, 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(190, 120, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 120, 125) }
```

Border

The CSS property to change the border of an element to Yxy 25.8608, 0.3945, 0.3223 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(190, 120, 125) }
```

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

```
.border{ border-color:rgb(190, 120, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 120, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 120, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 120, 125);  
box-shadow:4px 4px 4px 4px rgb(190, 120,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8608, 0.3945, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 120, 125) }
```

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

```
.background{ background-color: rgb(190,  
120, 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](#).

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