

Converting Colors

$Y_{xy}(25.6425, 0.3998, 0.3294)$

Have a look what the booklet for
Yxy(25.6425, 0.3998, 0.3294)
contains.

Yxy(25.6078, 0.3998, 0.3293)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.6078, 0.3998, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	BD7878
RGB	189, 120, 120
RGB Percent	74%, 47%, 47%
CMY	0.2589, 0.5294, 0.5295
CMYK	0.00, 0.36, 0.37, 0.26
HSL	0°, 34%, 61%
HSV	0°, 37%, 74%
XYZ	31.0902, 25.6078, 21.0664
YIQ	140.6310, 41.1240, 14.6280

Conversions

Conversions Part 2

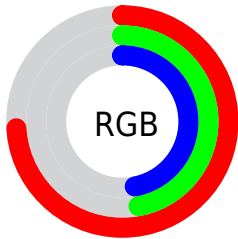
Format	Color
RYB	189, 120, 120
Decimal	12417144
CIELab	57.66, 26.99, 11.33
CIELCh	58, 29.276, 22.768
Yxy	25.6078, 0.3998, 0.3293
Android (android.graphics.Color)	4290607224 (0xFFBD7878)
YUV	140.6310, -10.1711, 42.4196
Hunter-Lab	50.6042, 21.1096, 10.7406

Details

The Yxy color **25.6078, 0.3998, 0.3293** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **44.0424, 0.2622, 0.3288**, and the grayscale version is **26.5129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6399, 0.3812, 0.3303**, and **9.8347, 0.4314, 0.3255** is the 20% darker color. If you saturate the color by 10%, you get **21.0899, 0.4374, 0.3294**, and if you desaturate by 10%, it is **31.1150, 0.3688, 0.3292**.

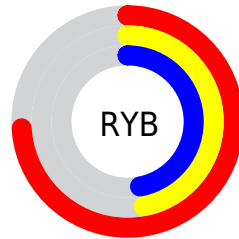
Distribution



Red (74%)

Green (47%)

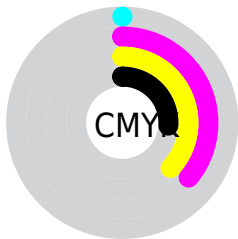
Blue (47%)



Red (74%)

Yellow (47%)

Blue (47%)

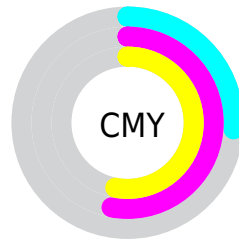


Cyan (0%)

Magenta (36%)

Yellow (37%)

Black (26%)



Cyan (26%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6078, 0.3998, 0.3293 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 25.6078, 0.3998, 0.3293 by changing the saturation by 10% instead.


 25.6078, 0.3998,
0.3293


 25.6078, 0.3998,
0.3293


280.8514, 0.3515,
0.3304


 16.5305, 0.4137,
0.3284


 52.6416, 0.3810,
0.3301

 9.9003, 0.4326,
0.3269


 71.3668, 0.3743,
0.3303

 5.3329, 0.4601,
0.3238

 94.0767, 0.3688,
0.3304

 2.4439, 0.5029,
0.3171

121.1558, 0.3642,
0.3304

 0.8483, 0.6248,
0.3248

152.9884, 0.3603,
0.3304

 0.0000, 1.0000,
0.0000


189.9590, 0.3569,

 0.0000, 0.0000,


0.3304


0.0000

232.4519, 0.3540,
0.3304

 25.6078, 0.3998,
0.3293

 25.6078, 0.3998,
0.3293


 21.0899, 0.4374,
0.3294

 31.1150, 0.3688,
0.3292


 17.4993, 0.4812,
0.3296


 37.6614, 0.3437,
0.3291

 14.7727, 0.5286,
0.3297


 45.2979, 0.3236,
0.3290


 12.8377, 0.5746,
0.3298


 54.0709, 0.3075,
0.3290


 11.6095, 0.6117,
0.3299

 64.0243, 0.2946,
0.3289

 10.9770, 0.6341,
0.3300

 75.1995, 0.2842,
0.3289

 10.8197, 0.6400,
0.3300

 87.6361, 0.2758,
0.3289

 89.5577, 0.2747,
0.3289

Harmonies

Analogous

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



25.6078, 0.3611, 0.2922



25.6078, 0.3998, 0.3293



25.6078, 0.4126, 0.3688

Triad

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



25.6078, 0.3998, 0.3293



25.6078, 0.3086, 0.4082



25.6078, 0.2331, 0.2540

Complementary

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



25.6078, 0.3998, 0.3293



44.0424, 0.2622, 0.3288

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.



25.6078, 0.2219, 0.2774



25.6078, 0.3998, 0.3293



25.6078, 0.2631, 0.3691

Square

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



25.6078, 0.3998, 0.3293



25.6078, 0.3575, 0.4195



25.6078, 0.2322, 0.3190



25.6078, 0.2642, 0.2502

Rectangle

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



25.6078, 0.3998, 0.3293



25.6078, 0.4046, 0.3926



25.6078, 0.2322, 0.3190



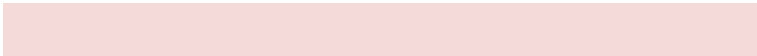
25.6078, 0.2270, 0.2596

Sweetspot

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



25.6090, 0.3998, 0.3293



74.5150, 0.3324, 0.3291



27.9192, 0.3169, 0.2399



15.6282, 0.3351, 0.3291



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.



25.6090, 0.3998, 0.3293



39.1163, 0.4301, 0.3294



35.4448, 0.3824, 0.3764



9.5371, 0.3288, 0.3291



7.2809, 0.6400, 0.3300



0.2855, 0.6399, 0.3301

Inverse Universe

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



44.0424, 0.2622, 0.3288



77.0586, 0.2532, 0.3288



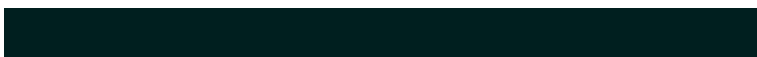
30.9369, 0.2548, 0.2760



10.8088, 0.2985, 0.3289



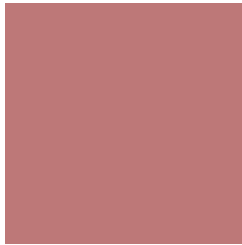
26.9339, 0.2246, 0.3286



1.0553, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 25.6078, 0.3998, 0.3293 looks on a white background.

Color Contrast Check

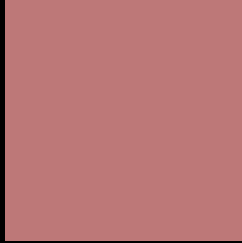
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6078, 0.3998, 0.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

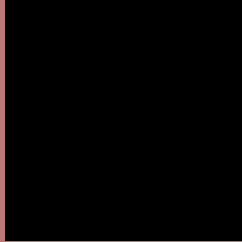
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6078, 0.3998, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 25.6078, 0.3998, 0.3293.



This preview shows how white text looks on a background with the Yxy color 25.6078, 0.3998, 0.3293.

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

25.6078, 0.3998, 0.3293

Protanopia

25.7180, 0.3277, 0.3423

Deuteranopia

25.8318, 0.3608, 0.3545



Tritanopia

25.6993, 0.3910, 0.3167

Trichromacy



Original Color

25.6078, 0.3998, 0.3293

Protanomaly

25.2125, 0.3526, 0.3370

Deuteranomaly

25.6904, 0.3750, 0.3444

Tritanomaly

25.6215, 0.3950, 0.3209

Monochromacy



Original Color

25.6078, 0.3998, 0.3293

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.7376, 0.3417, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6078, 0.3998, 0.3293 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, 120, 120)` looks like.

```
.text, #text, p{  
    color:rgb(189, 120, 120)  
}
```

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, 120, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 120, 120) }
```

Border

The CSS property to change the border of an element to Yxy 25.6078, 0.3998, 0.3293 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, 120, 120) }
```

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

```
.border{ border-color:rgb(189, 120, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 120, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 120, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 120, 120);  
box-shadow:4px 4px 4px 4px rgb(189, 120,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6078, 0.3998, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 120, 120) }
```

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

```
.background{ background-color: rgb(189,  
120, 120) }
```

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