

Converting Colors

$Y_{xy}(25.9420, 0.3664, 0.2996)$

Have a look what the booklet for
Yxy(25.9420, 0.3664, 0.2996)
contains.

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Color

Yxy(25.9420, 0.3664, 0.2996)

Conversions

Conversions Part 1

Format	Color
Hex	B9798E
RGB	185, 121, 142
RGB Percent	73%, 47%, 56%
CMY	0.2745, 0.5255, 0.4432
CMYK	0.00, 0.35, 0.23, 0.27
HSL	340°, 31%, 60%
HSV	340°, 35%, 73%
XYZ	31.7261, 25.9420, 28.9207
YIQ	142.5300, 31.4030, 20.0990

Conversions

Conversions Part 2

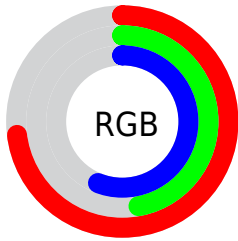
Format	Color
R _Y B	185, 121, 142
Decimal	12155278
CIE Lab	57.98, 27.95, -1.01
CIE LCh	58, 27.971, 357.937
Yxy	25.9420, 0.3664, 0.2996
Android (android.graphics.Color)	4290345358 (0xFFB9798E)
YUV	142.5300, -0.2613, 37.2462
Hunter-Lab	50.9333, 22.0536, 1.9876

Details

The Yxy color **25.9420, 0.3664, 0.2996** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **41.4436, 0.2781, 0.3609**, and the grayscale version is **27.2635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1349, 0.3545, 0.3052**, and **10.0250, 0.3851, 0.2883** is the 20% darker color. If you saturate the color by 10%, you get **21.5166, 0.3897, 0.2911**, and if you desaturate by 10%, it is **31.2737, 0.3470, 0.3084**.

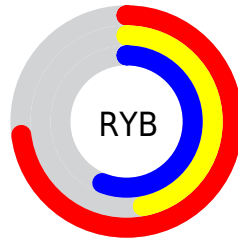
Distribution



Red (73%)

Green (47%)

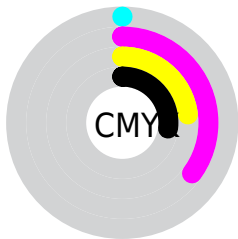
Blue (56%)



Red (73%)

Yellow (47%)

Blue (56%)

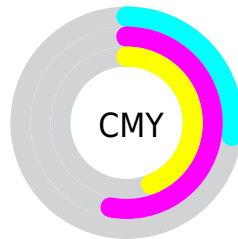


Cyan (0%)

Magenta (35%)

Yellow (23%)

Black (27%)



Cyan (27%)

Magenta (53%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9420, 0.3664, 0.2996 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 25.9420, 0.3664, 0.2996 by changing the saturation by 10% instead.


 25.9420, 0.3664,
0.2996

 25.9420, 0.3664,
0.2996


282.4972, 0.3370,
0.3156

 16.7803, 0.3747,
0.2951


 53.1814, 0.3550,
0.3058

 10.0779, 0.3860,
0.2890


 72.0278, 0.3510,
0.3080

 5.4507, 0.4024,
0.2802


 94.8712, 0.3476,
0.3098

 2.5140, 0.4279,
0.2666

122.0960, 0.3448,
0.3113

 0.8837, 0.4731,
0.2428

154.0866, 0.3424,
0.3127

 0.0000, 1.0000,
0.0000

191.2275, 0.3404,

 0.0000, 0.0000,

0.3138

0.0000

233.9029, 0.3386,
0.3148

■ 25.9420, 0.3664,
0.2996

■ 25.9420, 0.3664,
0.2996

■ 21.5166, 0.3897,
0.2911

■ 31.2737, 0.3470,
0.3084

■ 17.9430, 0.4171,
0.2836

■ 37.5549, 0.3310,
0.3171

■ 15.1666, 0.4484,
0.2781


■ 44.8304, 0.3179,
0.3254


■ 13.1248, 0.4825,
0.2758

■ 53.1409, 0.3072,
0.3331

■ 11.7453, 0.5173,
0.2777

■ 62.5251, 0.2984,
0.3402

 10.9411, 0.5498,
0.2846

 73.0196, 0.2913,
0.3467

 10.6472, 0.5662,
0.2893

 84.6591, 0.2854,
0.3527

 88.2127, 0.2793,
0.3436

 88.9834, 0.2731,
0.3301

Harmonies

Analogous

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



25.9420, 0.3191, 0.2707



25.9420, 0.3664, 0.2996



25.9420, 0.3996, 0.3361

Triad

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



25.9420, 0.3664, 0.2996



25.9420, 0.3479, 0.4152



25.9420, 0.2263, 0.2748

Complementary

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



25.9420, 0.3664, 0.2996



41.4436, 0.2781, 0.3609

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.



25.9420, 0.2327, 0.3119



25.9420, 0.3664, 0.2996



25.9420, 0.3009, 0.3992

Square

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



25.9420, 0.3664, 0.2996



25.9420, 0.3872, 0.4036



25.9420, 0.2592, 0.3591



25.9420, 0.2405, 0.2555

Rectangle

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



25.9420, 0.3664, 0.2996



25.9420, 0.4077, 0.3614



25.9420, 0.2592, 0.3591



25.9420, 0.2262, 0.2854

Sweetspot

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



25.9432, 0.3664, 0.2996



72.8058, 0.3249, 0.3208



25.0365, 0.2937, 0.2385



15.3109, 0.3267, 0.3197



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



25.9432, 0.3664, 0.2996



39.9253, 0.3850, 0.2926



28.1086, 0.3880, 0.3444



9.0595, 0.3238, 0.3215



7.2621, 0.5628, 0.2874



0.2677, 0.4885, 0.2465

Inverse Universe

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



25.9432, 0.3664, 0.2996



39.9253, 0.3850, 0.2926



37.9691, 0.2624, 0.3129



9.0595, 0.3238, 0.3215



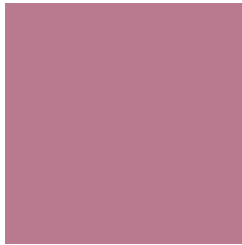
7.2621, 0.5628, 0.2874



0.2677, 0.4885, 0.2465

Previews

White Background



This preview shows how the Yxy color 25.9420, 0.3664, 0.2996 looks on a white background.

Color Contrast Check

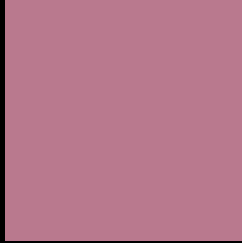
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9420, 0.3664, 0.2996 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 25.9420, 0.3664, 0.2996

Background



This preview shows how black text looks on a background with the Yxy color 25.9420, 0.3664, 0.2996.



This preview shows how white text looks on a background with the Yxy color 25.9420, 0.3664, 0.2996.

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

25.9420, 0.3664, 0.2996

Protanopia

26.1684, 0.2979, 0.3061

Deuteranopia

25.9643, 0.3288, 0.3227



Tritanopia

26.0222, 0.3771, 0.3164

Trichromacy



Original Color

25.9420, 0.3664, 0.2996

Protanomaly

25.6410, 0.3207, 0.3024

Deuteranomaly

25.8580, 0.3426, 0.3138

Tritanomaly

25.8870, 0.3724, 0.3093

Monochromacy



Original Color

25.9420, 0.3664, 0.2996

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.5802, 0.3302, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9420, 0.3664, 0.2996 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(185, 121, 142)` looks like.

```
.text, #text, p{  
    color:rgb(185, 121, 142)  
}
```

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(185, 121, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 121, 142) }
```

Border

The CSS property to change the border of an element to Yxy 25.9420, 0.3664, 0.2996 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(185, 121, 142) }
```

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

```
.border{ border-color:rgb(185, 121, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 121, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 121, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 121, 142);  
box-shadow:4px 4px 4px 4px rgb(185, 121,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9420, 0.3664, 0.2996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 121, 142) }
```

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

```
.background{ background-color: rgb(185,  
121, 142) }
```

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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