

# Converting Colors

Yxy(25.1114, 0.3900, 0.3197)

Have a look what the booklet for  
Yxy(25.1114, 0.3900, 0.3197)  
contains.

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# Color

**$\text{Yxy}(25.1391, 0.3888, 0.3193)$**

# Conversions

Conversions Part 1	
Format	Color
Hex	BA777E
RGB	186, 119, 126
RGB Percent	73%, 47%, 49%
CMY	0.2706, 0.5333, 0.5058
CMYK	0.00, 0.36, 0.32, 0.27
HSL	354°, 33%, 60%
HSV	354°, 36%, 73%
XYZ	30.6110, 25.1391, 22.9818
YIQ	139.8310, 37.6850, 16.3810

# Conversions

## Conversions Part 2

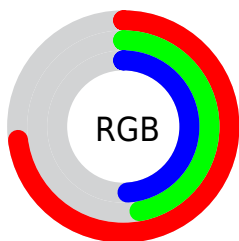
Format	Color
<a href="#">RYB</a>	<a href="#">186, 119, 126</a>
Decimal	<a href="#">12220286</a>
CIELab	<a href="#">57.21, 27.16, 7.15</a>
CIELCh	<a href="#">57, 28.089, 14.737</a>
Yxy	<a href="#">25.1391, 0.3888, 0.3193</a>
Android (android.graphics.Color)	<a href="#">4290410366</a> (0xFFBA777E)
YUV	<a href="#">139.8310, -6.8187, 40.4902</a>
Hunter-Lab	<a href="#">50.1389, 21.2353, 7.9209</a>

# Details

The Yxy color **25.1391, 0.3888, 0.3193** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **42.2897, 0.2672, 0.3393**, and the grayscale version is **26.1735, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9928, 0.3723, 0.3215**, and **9.6174, 0.4186, 0.3138** is the 20% darker color. If you saturate the color by 10%, you get **20.7429, 0.4218, 0.3168**, and if you desaturate by 10%, it is **30.4756, 0.3616, 0.3221**.

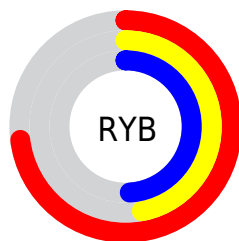
# Distribution



Red (73%)

Green (47%)

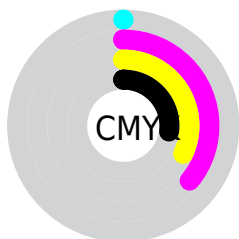
Blue (49%)



Red (73%)

Yellow (47%)

Blue (49%)

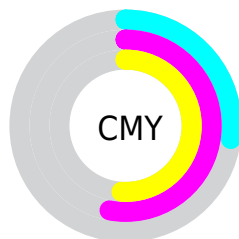


Cyan (0%)

Magenta (36%)

Yellow (32%)

Black (27%)



Cyan (27%)

Magenta (53%)


Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 25.1391, 0.3888, 0.3193 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 25.1391, 0.3888, 0.3193 by changing the saturation by 10% instead.





 25.1391, 0.3888,  
0.3193


 25.1391, 0.3888,  
0.3193


278.5300, 0.3465,  
0.3254


 16.1807, 0.4010,  
0.3172


 51.8828, 0.3723,  
0.3219

 9.6521, 0.4177,  
0.3141


 70.4369, 0.3665,  
0.3228

 5.1689, 0.4421,  
0.3092


 92.9584, 0.3617,  
0.3234

 2.3467, 0.4806,  
0.3002

119.8316, 0.3577,  
0.3240

 0.7983, 0.5727,  
0.2921

151.4410, 0.3542,  
0.3244

 0.0000, 1.0000,  
0.0000


188.1709, 0.3513,


 0.0000, 0.0000,


0.3248

0.0000


230.4058, 0.3488,  
0.3252


 25.1391, 0.3888,  
0.3193


 25.1391, 0.3888,  
0.3193


 20.7429, 0.4218,  
0.3168


 30.4756, 0.3616,  
0.3221

 17.2290, 0.4607,  
0.3148

 36.7986, 0.3395,  
0.3249


 14.5388, 0.5041,  
0.3140


 44.1558, 0.3217,  
0.3275


 12.6050, 0.5487,  
0.3148


 52.5907, 0.3074,  
0.3300


 11.3497, 0.5889,  
0.3176

 62.1441, 0.2958,  
0.3322

 10.6736, 0.6188,  
0.3220

 72.8549, 0.2864,  
0.3343

 10.4862, 0.6278,  
0.3232

 84.7601, 0.2788,  
0.3361

 89.1777, 0.2731,  
0.3289

# Harmonies

## Analogous

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



25.1391, 0.3469, 0.2850



25.1391, 0.3888, 0.3193



25.1391, 0.4086, 0.3577

# Triad

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



25.1391, 0.3888, 0.3193



25.1391, 0.3218, 0.4111



25.1391, 0.2307, 0.2606

# Complementary

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



25.1391, 0.3888, 0.3193



42.2897, 0.2672, 0.3393

# 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.



25.1391, 0.2254, 0.2885



25.1391, 0.3888, 0.3193



25.1391, 0.2756, 0.3796

# Square

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



25.1391, 0.3888, 0.3193



25.1391, 0.3676, 0.4143



25.1391, 0.2410, 0.3322



25.1391, 0.2560, 0.2519



# Rectangle

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



25.1391, 0.3888, 0.3193



25.1391, 0.4060, 0.3820



25.1391, 0.2410, 0.3322



25.1391, 0.2266, 0.2678

# Sweetspot

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



25.1403, 0.3888, 0.3193



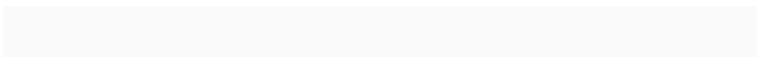
72.9122, 0.3304, 0.3262



26.2262, 0.3083, 0.2388



15.6617, 0.3329, 0.3258



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.



25.1403, 0.3888, 0.3193



39.2913, 0.4137, 0.3173



31.9244, 0.3850, 0.3652



9.0271, 0.3272, 0.3266



7.0613, 0.6258, 0.3221



0.2540, 0.5789, 0.2962



# Inverse Universe

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



25.1403, 0.3888, 0.3193



39.2913, 0.4137, 0.3173



32.7177, 0.2574, 0.2894



9.0271, 0.3272, 0.3266



7.0613, 0.6258, 0.3221

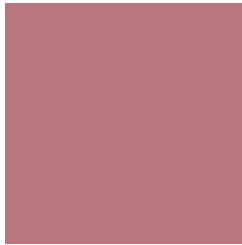


0.2540, 0.5789, 0.2962



# Previews

## White Background



This preview shows how the Yxy color 25.1391, 0.3888, 0.3193 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

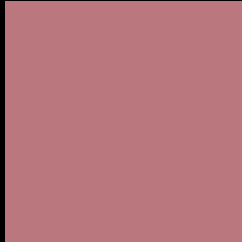
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the Yxy color 25.1391, 0.3888, 0.3193 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 25.1391, 0.3888, 0.3193**

## Background



This preview shows how black text looks on a background with the Yxy color 25.1391, 0.3888, 0.3193.



This preview shows how white text looks on a background with the Yxy color 25.1391, 0.3888, 0.3193.

# 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

25.1391, 0.3888, 0.3193

### Protanopia

25.3316, 0.3182, 0.3307

### Deuteranopia

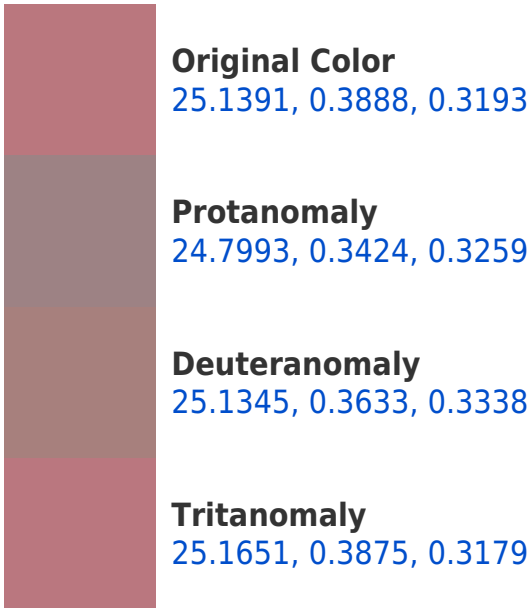
25.2982, 0.3495, 0.3436



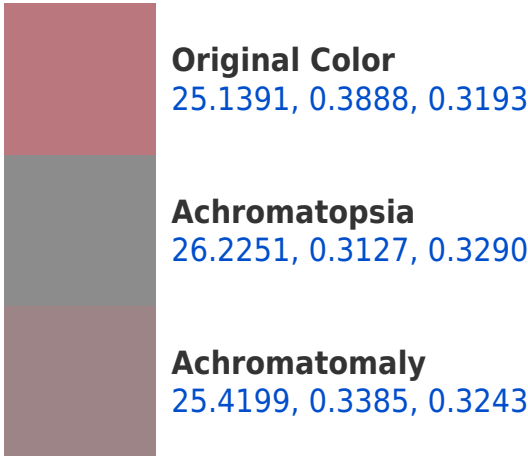
## Tritanopia

25.1913, 0.3862, 0.3165

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 25.1391, 0.3888, 0.3193 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(186, 119, 126) looks like.

```
.text, #text, p{  
    color:rgb(186, 119, 126)  
}
```

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(186, 119, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 119, 126) }
```

## Border

The CSS property to change the border of an element to Yxy 25.1391, 0.3888, 0.3193 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(186, 119, 126) }
```

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

```
.border{ border-color:rgb(186, 119, 126) }
```

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

Here you see how a box with a 4 pixel rgb(186, 119, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 119, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 119, 126);  
box-shadow:4px 4px 4px 4px rgb(186, 119,  
126) }
```



# Background

The CSS property to change the background color of an element to Yxy 25.1391, 0.3888, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 119, 126) }
```

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

```
.background{ background-color: rgb(186,  
119, 126) }
```

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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