

Converting Colors

$Y_{xy}(25.6200, 0.3898, 0.3176)$

Have a look what the booklet for
Yxy(25.6200, 0.3898, 0.3176)
contains.

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Color

Yxy(25.5710, 0.3898, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	BD7780
RGB	189, 119, 128
RGB Percent	74%, 47%, 50%
CMY	0.2590, 0.5332, 0.4980
CMYK	0.00, 0.37, 0.32, 0.26
HSL	352°, 35%, 60%
HSV	352°, 37%, 74%
XYZ	31.4732, 25.5710, 23.6978
YIQ	140.9560, 38.8310, 17.6390

Conversions

Conversions Part 2

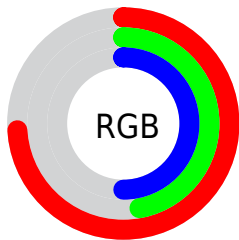
Format	Color
R_{YB}	189, 119, 128
Decimal	12416896
CIE _{Lab}	57.63, 28.56, 6.64
CIE _{LCh}	58, 29.318, 13.091
Yxy	25.5710, 0.3898, 0.3167
Android (android.graphics.Color)	4290606976 (0xFFBD7780)
YUV	140.9560, -6.3873, 42.1346
Hunter-Lab	50.5678, 22.6043, 7.6121

Details

The Yxy color **25.5710, 0.3898, 0.3167** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **43.5999, 0.2671, 0.3421**, and the grayscale version is **26.6329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6154, 0.3731, 0.3195**, and **9.8891, 0.4197, 0.3104** is the 20% darker color. If you saturate the color by 10%, you get **21.1126, 0.4225, 0.3136**, and if you desaturate by 10%, it is **30.9966, 0.3628, 0.3201**.

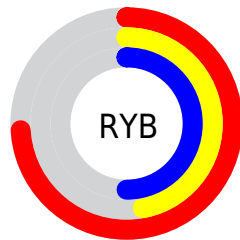
Distribution



Red (74%)

Green (47%)

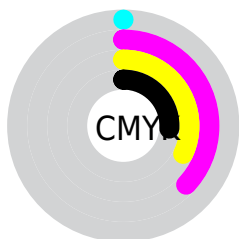
Blue (50%)



Red (74%)

Yellow (47%)

Blue (50%)

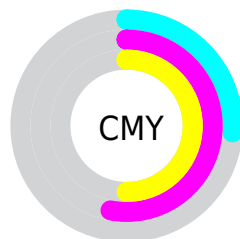


Cyan (0%)

Magenta (37%)

Yellow (32%)

Black (26%)



Cyan (26%)


Magenta (53%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5710, 0.3898, 0.3167 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 25.5710, 0.3898, 0.3167 by changing the saturation by 10% instead.


 25.5710, 0.3898,
0.3167


 25.5710, 0.3898,
0.3167


280.6697, 0.3471,
0.3242


 16.5030, 0.4020,
0.3142


 52.5820, 0.3732,
0.3198

 9.8808, 0.4188,
0.3107


 71.2939, 0.3673,
0.3209

 5.3200, 0.4432,
0.3051

 93.9891, 0.3624,
0.3217

 2.4362, 0.4814,
0.2953

121.0521, 0.3584,
0.3224

 0.8444, 0.5647,
0.2828

152.8672, 0.3549,
0.3230

 0.0000, 1.0000,
0.0000


189.8190, 0.3520,


 0.0000, 0.0000,


0.3234

0.0000


232.2917, 0.3494,
0.3239

 25.5710, 0.3898,
0.3167

 25.5710, 0.3898,
0.3167


 21.1126, 0.4225,
0.3136


 30.9966, 0.3628,
0.3201


 17.5609, 0.4609,
0.3112


 37.4377, 0.3408,
0.3236

 14.8547, 0.5036,
0.3102

 44.9439, 0.3231,
0.3268


 12.9233, 0.5474,
0.3112


 53.5603, 0.3088,
0.3299


 11.6848, 0.5870,
0.3146


 63.3295, 0.2972,
0.3327

 11.0267, 0.6169,
0.3199

 74.2920, 0.2878,
0.3352

 10.8817, 0.6239,
0.3211

 86.4862, 0.2802,
0.3375

 89.5547, 0.2747,
0.3289

Harmonies

Analogous

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



25.5710, 0.3453, 0.2818



25.5710, 0.3898, 0.3167



25.5710, 0.4119, 0.3563

Triad

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



25.5710, 0.3898, 0.3167



25.5710, 0.3247, 0.4154



25.5710, 0.2270, 0.2592

Complementary

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



25.5710, 0.3898, 0.3167



43.5999, 0.2671, 0.3421

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.



25.5710, 0.2227, 0.2890



25.5710, 0.3898, 0.3167



25.5710, 0.2765, 0.3840

Square

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



25.5710, 0.3898, 0.3167



25.5710, 0.3718, 0.4168



25.5710, 0.2400, 0.3350



25.5710, 0.2520, 0.2492

Rectangle

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



25.5710, 0.3898, 0.3167



25.5710, 0.4102, 0.3817



25.5710, 0.2400, 0.3350



25.5710, 0.2232, 0.2670

Sweetspot

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



25.5722, 0.3898, 0.3167



74.6909, 0.3300, 0.3255



26.5322, 0.3069, 0.2359



15.6698, 0.3324, 0.3250



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.



25.5722, 0.3898, 0.3167



39.5243, 0.4144, 0.3143



32.2970, 0.3882, 0.3647



9.5558, 0.3269, 0.3261



7.3308, 0.6217, 0.3199



0.2937, 0.5703, 0.2915

Inverse Universe

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



25.5722, 0.3898, 0.3167



39.5243, 0.4144, 0.3143



33.9049, 0.2561, 0.2899



9.5558, 0.3269, 0.3261



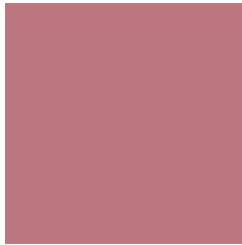
7.3308, 0.6217, 0.3199



0.2937, 0.5703, 0.2915

Previews

White Background



This preview shows how the Yxy color 25.5710, 0.3898, 0.3167 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 25.5710, 0.3898, 0.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

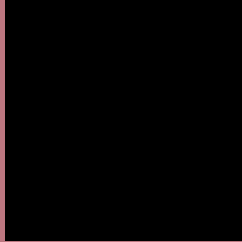
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5710, 0.3898, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 25.5710, 0.3898, 0.3167.



This preview shows how white text looks on a background with the Yxy color 25.5710, 0.3898, 0.3167.

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

25.5710, 0.3898, 0.3167

Protanopia

25.7038, 0.3150, 0.3273

Deuteranopia

25.6990, 0.3493, 0.3435



Tritanopia

25.5710, 0.3898, 0.3167

Trichromacy



Original Color

25.5710, 0.3898, 0.3167

Protanomaly

25.2510, 0.3399, 0.3228

Deuteranomaly

25.6419, 0.3641, 0.3337

Tritanomaly

25.5710, 0.3898, 0.3167

Monochromacy



Original Color

25.5710, 0.3898, 0.3167

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.8217, 0.3383, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5710, 0.3898, 0.3167 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(189, 119, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 119, 128) }
```

Border

The CSS property to change the border of an element to Yxy 25.5710, 0.3898, 0.3167 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, 128) }
```

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

```
.border{ border-color:rgb(189, 119, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 119, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 119, 128);  
box-shadow:4px 4px 4px 4px rgb(189, 119,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5710, 0.3898, 0.3167 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, 128) }
```

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

```
.background{ background-color: rgb(189,  
119, 128) }
```

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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