

Converting Colors

$Y_{xy}(26.3575, 0.3706, 0.2995)$

Have a look what the booklet for
Yxy(26.3575, 0.3706, 0.2995)
contains.

Yxy(26.4466, 0.3711, 0.3001) 3

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Color

Yxy(26.4466, 0.3711, 0.3001)

Conversions

Conversions Part 1	
Format	Color
Hex	BD798E
RGB	189, 121, 142
RGB Percent	74%, 47%, 56%
CMY	0.2589, 0.5254, 0.4431
CMYK	0.00, 0.36, 0.25, 0.26
HSL	341°, 34%, 61%
HSV	341°, 36%, 74%
XYZ	32.7035, 26.4466, 28.9758
YIQ	143.7260, 33.7870, 20.9470

Conversions

Conversions Part 2

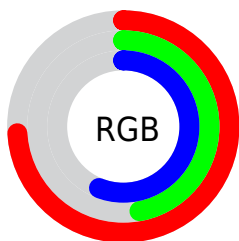
Format	Color
RYB	189, 121, 142
Decimal	12417422
CIELab	58.46, 29.42, -0.27
CIELCh	58, 29.425, 359.480
Yxy	26.4466, 0.3711, 0.3001
Android (android.graphics.Color)	4290607502 (0xFFBD798E)
YUV	143.7260, -0.8509, 39.7053
Hunter-Lab	51.4263, 23.5177, 2.5918

Details

The Yxy color $26.4466, 0.3711, 0.3001$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $43.2805, 0.2761, 0.3604$, and the grayscale version is $27.7683, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.0318, 0.3589, 0.3056$, and $10.3475, 0.3921, 0.2895$ is the 20% darker color. If you saturate the color by 10%, you get $21.9256, 0.3958, 0.2922$, and if you desaturate by 10%, it is $31.9158, 0.3505, 0.3084$.

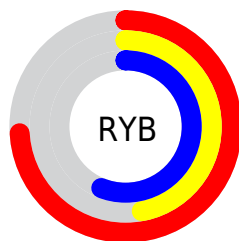
Distribution



Red (74%)

Green (47%)

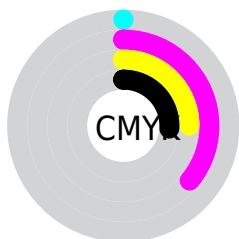
Blue (56%)



Red (74%)

Yellow (47%)

Blue (56%)

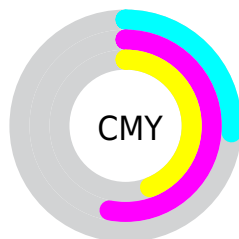


Cyan (0%)

Magenta (36%)

Yellow (25%)

Black (26%)



Cyan (26%)


Magenta (53%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4466, 0.3711, 0.3001 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 26.4466, 0.3711, 0.3001 by changing the saturation by 10% instead.

 26.4466, 0.3711,
0.3001


 26.4466, 0.3711,
0.3001

284.9676, 0.3392,
0.3159


 17.1580, 0.3801,
0.2957


 53.9946, 0.3588,
0.3062

 10.3472, 0.3923,
0.2896


 73.0227, 0.3544,
0.3084

 5.6298, 0.4099,
0.2810


 96.0662, 0.3508,
0.3102

 2.6213, 0.4373,
0.2675

123.5095, 0.3477,
0.3117

 0.9374, 0.4853,
0.2440

155.7368, 0.3451,
0.3130

 0.0000, 1.0000,
0.0000


193.1327, 0.3429,


 0.0000, 0.0000,

0.3141


0.0000

236.0815, 0.3409,
0.3150


 26.4466, 0.3711,
0.3001


 26.4466, 0.3711,
0.3001

 21.9256, 0.3958,
0.2922


 31.9158, 0.3505,
0.3084


 18.2947, 0.4248,
0.2853


 38.3795, 0.3336,
0.3167


 15.4953, 0.4577,
0.2806


 45.8854, 0.3197,
0.3245


 13.4599, 0.4932,
0.2793


 54.4769, 0.3084,
0.3319


 12.1105, 0.5288,
0.2822

 64.1952, 0.2992,
0.3387

 11.3483, 0.5613,
0.2898

 75.0790, 0.2917,
0.3449

 11.1260, 0.5735,
0.2933

 87.1655, 0.2854,
0.3506

 89.0208, 0.2789,
0.3380

 89.5567, 0.2747,
0.3289

Harmonies

Analogous

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



26.4466, 0.3219, 0.2696



26.4466, 0.3711, 0.3001



26.4466, 0.4047, 0.3382

Triad

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



26.4466, 0.3711, 0.3001



26.4466, 0.3468, 0.4191



26.4466, 0.2230, 0.2708

Complementary

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



26.4466, 0.3711, 0.3001



43.2805, 0.2761, 0.3604

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.



26.4466, 0.2285, 0.3085



26.4466, 0.3711, 0.3001



26.4466, 0.2978, 0.4010

Square

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



26.4466, 0.3711, 0.3001



26.4466, 0.3887, 0.4079



26.4466, 0.2549, 0.3579



26.4466, 0.2388, 0.2519

Rectangle

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



26.4466, 0.3711, 0.3001



26.4466, 0.4121, 0.3645



26.4466, 0.2549, 0.3579



26.4466, 0.2225, 0.2814

Sweetspot

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



26.4479, 0.3711, 0.3001



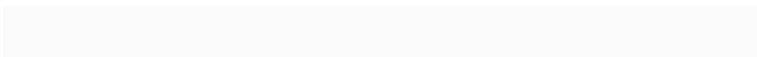
74.9544, 0.3266, 0.3205



25.6169, 0.2939, 0.2349



15.7324, 0.3285, 0.3194



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.



26.4479, 0.3711, 0.3001



40.9780, 0.3898, 0.2939



29.1027, 0.3917, 0.3466



9.5836, 0.3241, 0.3219



7.4996, 0.5701, 0.2914



0.3058, 0.5002, 0.2529

Inverse Universe

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



26.4479, 0.3711, 0.3001



40.9780, 0.3898, 0.2939



38.9951, 0.2603, 0.3104



9.5836, 0.3241, 0.3219



7.4996, 0.5701, 0.2914



0.3058, 0.5002, 0.2529

Previews

White Background



This preview shows how the Yxy color 26.4466, 0.3711, 0.3001 looks on a white background.

Color Contrast Check

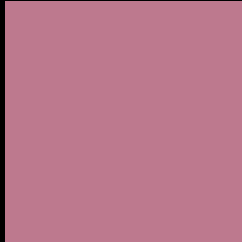
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4466, 0.3711, 0.3001 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 26.4466, 0.3711, 0.3001

Background



This preview shows how black text looks on a background with the Yxy color 26.4466, 0.3711, 0.3001.



This preview shows how white text looks on a background with the Yxy color 26.4466, 0.3711, 0.3001.

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

26.4466, 0.3711, 0.3001

Protanopia

26.6315, 0.3000, 0.3079

Deuteranopia

26.4410, 0.3309, 0.3243



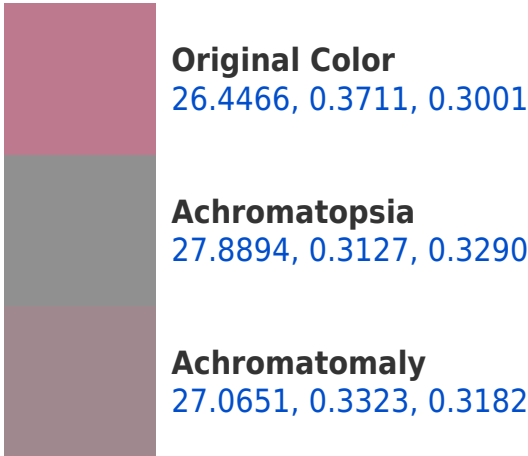
Tritanopia

26.5232, 0.3818, 0.3166

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4466, 0.3711, 0.3001 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, 121, 142) looks like.

```
.text, #text, p{  
    color:rgb(189, 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(189, 121, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 121, 142) }
```

Border

The CSS property to change the border of an element to Yxy 26.4466, 0.3711, 0.3001 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, 121, 142) }
```

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

```
.border{ border-color:rgb(189, 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(189, 121, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 121, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 121, 142);  
box-shadow:4px 4px 4px 4px rgb(189, 121,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4466, 0.3711, 0.3001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 121, 142) }
```

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

```
.background{ background-color: rgb(189,  
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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