

Converting Colors

$Y_{xy}(24.9684, 0.3725, 0.2919)$

Have a look what the booklet for
Yxy(24.9684, 0.3725, 0.2919)
contains.

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Color

Yxy(24.9058, 0.3719, 0.2917)

Conversions

Conversions Part 1

Format	Color
Hex	BC738E
RGB	188, 115, 142
RGB Percent	74%, 45%, 56%
CMY	0.2627, 0.5490, 0.4432
CMYK	0.00, 0.39, 0.24, 0.26
HSL	338°, 35%, 59%
HSV	338°, 39%, 74%
XYZ	31.7534, 24.9058, 28.7224
YIQ	139.9050, 34.8410, 23.8730

Conversions

Conversions Part 2

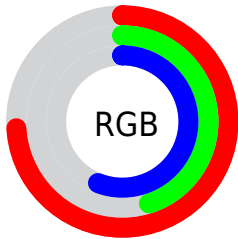
Format	Color
R_{YB}	188, 115, 142
Decimal	12350350
CIE _{Lab}	56.98, 32.36, -2.43
CIE _{LCh}	57, 32.447, 355.698
Yxy	24.9058, 0.3719, 0.2917
Android (android.graphics.Color)	4290540430 (0xFFBC738E)
YUV	139.9050, 1.0328, 42.1793
Hunter-Lab	49.9057, 26.2388, 0.8107

Details

The Yxy color $24.9058, 0.3719, 0.2917$ is a dark color, and the websafe version is hex $CC6699$. A complement of this color would be $42.1889, 0.2765, 0.3704$, and the grayscale version is $26.1730, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.5836, 0.3593, 0.2991$, and $9.5398, 0.3936, 0.2782$ is the 20% darker color. If you saturate the color by 10%, you get $20.7104, 0.3952, 0.2824$, and if you desaturate by 10%, it is $30.0158, 0.3523, 0.3016$.

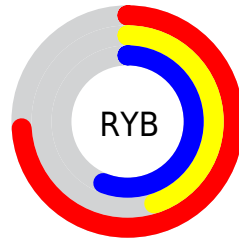
Distribution



Red (74%)

Green (45%)

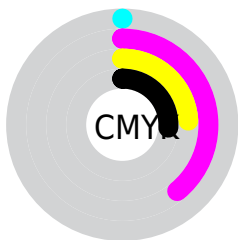
Blue (56%)



Red (74%)

Yellow (45%)

Blue (56%)

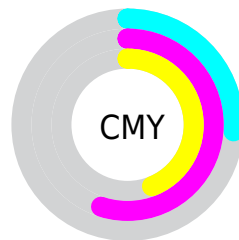


Cyan (0%)

Magenta (39%)

Yellow (24%)

Black (26%)



Cyan (26%)


Magenta (55%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.9058, 0.3719, 0.2917 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 24.9058, 0.3719, 0.2917 by changing the saturation by 10% instead.


 24.9058, 0.3719,
0.2917


 24.9058, 0.3719,
0.2917


277.3685, 0.3394,
0.3120


 16.0069, 0.3811,
0.2860


 51.5044, 0.3593,
0.2995

 9.5290, 0.3937,
0.2784


 69.9728, 0.3548,
0.3023

 5.0878, 0.4119,
0.2674

 92.3999, 0.3511,
0.3046

 2.2989, 0.4403,
0.2504

119.1700, 0.3480,
0.3066

 0.7731, 0.4915,
0.2201

150.6675, 0.3454,
0.3082

 0.0000, 1.0000,
0.0000

187.2768, 0.3431,

 0.0000, 0.0000,

0.3096

0.0000

229.3824, 0.3412,
0.3109

■ 24.9058, 0.3719,
0.2917

■ 24.9058, 0.3719,
0.2917

■ 20.7104, 0.3952,
0.2824

■ 30.0158, 0.3523,
0.3016

■ 17.3713, 0.4222,
0.2746

■ 36.0870, 0.3360,
0.3115

■ 14.8292, 0.4525,
0.2694


■ 43.1670, 0.3225,
0.3210


■ 13.0153, 0.4848,
0.2680

■ 51.2992, 0.3115,
0.3300


■ 11.8493, 0.5170,
0.2715


■ 60.5245, 0.3025,
0.3384


 11.1938, 0.5469,
0.2795

 70.8815, 0.2951,
0.3460

 11.1286, 0.5503,
0.2805

 82.4070, 0.2890,
0.3531

 88.3147, 0.2833,
0.3487

 89.0296, 0.2773,
0.3357

Harmonies

Analogous

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



24.9058, 0.3155, 0.2597



24.9058, 0.3719, 0.2917



24.9058, 0.4131, 0.3329

Triad

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



24.9058, 0.3719, 0.2917



24.9058, 0.3570, 0.4308



24.9058, 0.2125, 0.2676

Complementary

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



24.9058, 0.3719, 0.2917



42.1889, 0.2765, 0.3704

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.



24.9058, 0.2213, 0.3119



24.9058, 0.3719, 0.2917



24.9058, 0.3022, 0.4154

Square

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



24.9058, 0.3719, 0.2917



24.9058, 0.4021, 0.4134



24.9058, 0.2530, 0.3686



24.9058, 0.2269, 0.2444

Rectangle

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



24.9058, 0.3719, 0.2917



24.9058, 0.4241, 0.3621



24.9058, 0.2530, 0.3686



24.9058, 0.2128, 0.2802

Sweetspot

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



24.9070, 0.3719, 0.2917



73.7003, 0.3268, 0.3179



23.3688, 0.2868, 0.2256



15.4848, 0.3285, 0.3166



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.



24.9070, 0.3719, 0.2917



38.2632, 0.3926, 0.2834



26.2252, 0.4031, 0.3412



9.5931, 0.3232, 0.3205



7.5894, 0.5471, 0.2787



0.3100, 0.4811, 0.2424

Inverse Universe

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



24.9070, 0.3719, 0.2917



38.2632, 0.3926, 0.2834



39.7136, 0.2577, 0.3161



9.5931, 0.3232, 0.3205



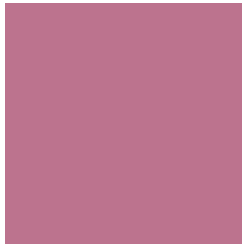
7.5894, 0.5471, 0.2787



0.3100, 0.4811, 0.2424

Previews

White Background



This preview shows how the Yxy color 24.9058, 0.3719, 0.2917 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 24.9058, 0.3719, 0.2917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

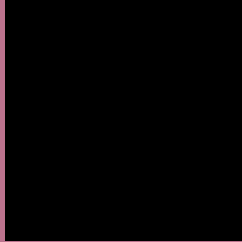
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9058, 0.3719, 0.2917

Background



This preview shows how black text looks on a background with the Yxy color 24.9058, 0.3719, 0.2917.



This preview shows how white text looks on a background with the Yxy color 24.9058, 0.3719, 0.2917.

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

24.9058, 0.3719, 0.2917

Protanopia

25.0432, 0.2918, 0.2976

Deuteranopia

25.1232, 0.3257, 0.3193



Tritanopia

24.9283, 0.3880, 0.3165

Trichromacy



Original Color

24.9058, 0.3719, 0.2917

Protanomaly

24.5104, 0.3189, 0.2944

Deuteranomaly

24.7077, 0.3423, 0.3075

Tritanomaly

24.9533, 0.3830, 0.3081

Monochromacy



Original Color

24.9058, 0.3719, 0.2917

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.3238, 0.3319, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9058, 0.3719, 0.2917 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(188, 115, 142)` looks like.

```
.text, #text, p{  
    color:rgb(188, 115, 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(188, 115, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 115, 142) }
```

Border

The CSS property to change the border of an element to Yxy 24.9058, 0.3719, 0.2917 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(188, 115, 142) }
```

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

```
.border{ border-color:rgb(188, 115, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 115, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 115, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 115, 142);  
box-shadow:4px 4px 4px 4px rgb(188, 115,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9058, 0.3719, 0.2917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 115, 142) }
```

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

```
.background{ background-color: rgb(188,  
115, 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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