

Converting Colors

$Y_{xy}(24.9227, 0.3716, 0.2942)$

Have a look what the booklet for
Yxy(24.9227, 0.3716, 0.2942)
contains.

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Color

Yxy(24.9787, 0.3716, 0.2943)

Conversions

Conversions Part 1

Format	Color
Hex	BB748D
RGB	187, 116, 141
RGB Percent	73%, 45%, 55%
CMY	0.2668, 0.5450, 0.4471
CMYK	0.00, 0.38, 0.25, 0.27
HSL	339°, 34%, 59%
HSV	339°, 38%, 73%
XYZ	31.5395, 24.9787, 28.3567
YIQ	140.0790, 34.2910, 22.8270

Conversions

Conversions Part 2

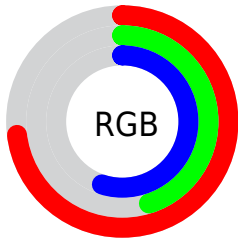
Format	Color
R_{YB}	187, 116, 141
Decimal	12285069
CIE _{Lab}	57.05, 31.27, -1.76
CIE _{LCh}	57, 31.318, 356.770
Yxy	24.9787, 0.3716, 0.2943
Android (android.graphics.Color)	4290475149 (0xFFBB748D)
YUV	140.0790, 0.4541, 41.1497
Hunter-Lab	49.9787, 25.1814, 1.3454

Details

The Yxy color $24.9787, 0.3716, 0.2943$ is a dark color, and the websafe version is hex $CC6699$. A complement of this color would be $41.8479, 0.2764, 0.3673$, and the grayscale version is $26.2471, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.5492, 0.3582, 0.3010$, and $9.5573, 0.3933, 0.2815$ is the 20% darker color. If you saturate the color by 10%, you get $20.7524, 0.3953, 0.2854$, and if you desaturate by 10%, it is $30.1143, 0.3517, 0.3037$.

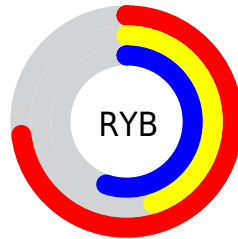
Distribution



Red (73%)

Green (45%)

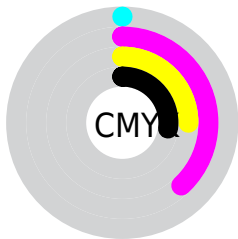
Blue (55%)



Red (73%)

Yellow (45%)

Blue (55%)

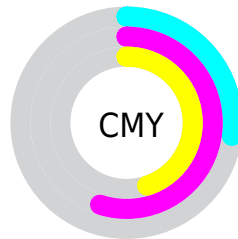


Cyan (0%)

Magenta (38%)

Yellow (25%)

Black (27%)



Cyan (27%)

Magenta (55%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9787, 0.3716, 0.2943 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 24.9787, 0.3716, 0.2943 by changing the saturation by 10% instead.


 24.9787, 0.3716,
0.2943


 24.9787, 0.3716,
0.2943


277.7319, 0.3392,
0.3132


 16.0612, 0.3808,
0.2890


 51.6227, 0.3591,
0.3016

 9.5675, 0.3934,
0.2818


 70.1179, 0.3546,
0.3042

 5.1131, 0.4115,
0.2714


 92.5745, 0.3509,
0.3064

 2.3138, 0.4401,
0.2553

119.3769, 0.3478,
0.3082

 0.7810, 0.4914,
0.2264

150.9094, 0.3452,
0.3097

 0.0000, 1.0000,
0.0000

187.5565, 0.3429,

 0.0000, 0.0000,

0.3111

0.0000

229.7025, 0.3410,
0.3122

■ 24.9787, 0.3716,
0.2943

■ 24.9787, 0.3716,
0.2943

■ 20.7524, 0.3953,
0.2854

■ 30.1143, 0.3517,
0.3037

■ 17.3782, 0.4229,
0.2778

■ 36.2047, 0.3352,
0.3132

■ 14.7980, 0.4539,
0.2727

■ 43.2969, 0.3217,
0.3222


■ 12.9448, 0.4871,
0.2713


■ 51.4334, 0.3106,
0.3307

■ 11.7404, 0.5204,
0.2746

■ 60.6544, 0.3015,
0.3386

 11.0647, 0.5510,
0.2826

 70.9981, 0.2941,
0.3458

 10.9512, 0.5572,
0.2843

 82.5006, 0.2880,
0.3524

 88.2482, 0.2822,
0.3474

 88.9842, 0.2761,
0.3342

Harmonies

Analogous

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



24.9787, 0.3174, 0.2628



24.9787, 0.3716, 0.2943



24.9787, 0.4104, 0.3345

Triad

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



24.9787, 0.3716, 0.2943



24.9787, 0.3538, 0.4271



24.9787, 0.2158, 0.2686

Complementary

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



24.9787, 0.3716, 0.2943



41.8479, 0.2764, 0.3673

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.



24.9787, 0.2236, 0.3109



24.9787, 0.3716, 0.2943



24.9787, 0.3009, 0.4108

Square

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



24.9787, 0.3716, 0.2943



24.9787, 0.3979, 0.4117



24.9787, 0.2536, 0.3652



24.9787, 0.2306, 0.2468

Rectangle

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



24.9787, 0.3716, 0.2943



24.9787, 0.4203, 0.3628



24.9787, 0.2536, 0.3652



24.9787, 0.2158, 0.2806

Sweetspot

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



24.9799, 0.3716, 0.2943



73.2651, 0.3258, 0.3193



23.6552, 0.2888, 0.2285



15.7476, 0.3276, 0.3181



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.



24.9799, 0.3716, 0.2943



38.0083, 0.3923, 0.2864



26.6118, 0.3995, 0.3426



9.5904, 0.3235, 0.3210



7.5614, 0.5540, 0.2825



0.3088, 0.4866, 0.2454

Inverse Universe

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



24.9799, 0.3716, 0.2943



38.0083, 0.3923, 0.2864



38.9450, 0.2585, 0.3147



9.5904, 0.3235, 0.3210



7.5614, 0.5540, 0.2825



0.3088, 0.4866, 0.2454

Previews

White Background



This preview shows how the Yxy color 24.9787, 0.3716, 0.2943 looks on a white background.

Color Contrast Check

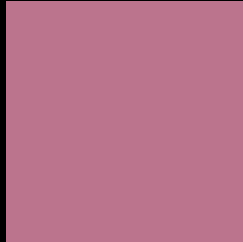
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9787, 0.3716, 0.2943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

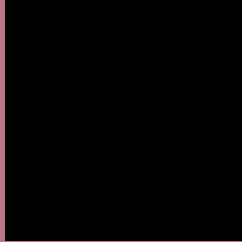
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9787, 0.3716, 0.2943

Background



This preview shows how black text looks on a background with the Yxy color 24.9787, 0.3716, 0.2943.



This preview shows how white text looks on a background with the Yxy color 24.9787, 0.3716, 0.2943.

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

24.9787, 0.3716, 0.2943

Protanopia

25.0591, 0.2947, 0.3009

Deuteranopia

25.0941, 0.3268, 0.3209



Tritanopia

24.9283, 0.3880, 0.3165

Trichromacy



Original Color

24.9787, 0.3716, 0.2943

Protanomaly

24.7405, 0.3199, 0.2975

Deuteranomaly

24.8294, 0.3421, 0.3105

Tritanomaly

24.8276, 0.3818, 0.3080

Monochromacy



Original Color

24.9787, 0.3716, 0.2943

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.2941, 0.3331, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9787, 0.3716, 0.2943 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(187, 116, 141)` looks like.

```
.text, #text, p{  
    color:rgb(187, 116, 141)  
}
```

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(187, 116, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 116, 141) }
```

Border

The CSS property to change the border of an element to Yxy 24.9787, 0.3716, 0.2943 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(187, 116, 141) }
```

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

```
.border{ border-color:rgb(187, 116, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 116, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 116, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 116, 141);  
box-shadow:4px 4px 4px 4px rgb(187, 116,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9787, 0.3716, 0.2943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 116, 141) }
```

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

```
.background{ background-color: rgb(187,  
116, 141) }
```

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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