

Converting Colors

$Y_{xy}(25.6720, 0.3700, 0.2968)$

Have a look what the booklet for
Yxy(25.6720, 0.3700, 0.2968)
contains.

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Color

Yxy(25.7114, 0.3694, 0.2971)

Conversions

Conversions Part 1

Format	Color
Hex	BB778E
RGB	187, 119, 142
RGB Percent	73%, 47%, 56%
CMY	0.2667, 0.5333, 0.4432
CMYK	0.00, 0.36, 0.24, 0.27
HSL	340°, 33%, 60%
HSV	340°, 36%, 73%
XYZ	31.9683, 25.7114, 28.8615
YIQ	141.9540, 33.1450, 21.5690

Conversions

Conversions Part 2

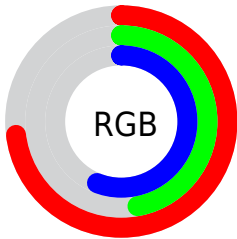
Format	Color
R_{YB}	187, 119, 142
Decimal	12285838
CIE Lab	57.76, 29.78, -1.30
CIE LCh	58, 29.809, 357.504
Yxy	25.7114, 0.3694, 0.2971
Android (android.graphics.Color)	4290475918 (0xFFBB778E)
YUV	141.9540, 0.0227, 39.5053
Hunter-Lab	50.7064, 23.8008, 1.7473

Details

The Yxy color $25.7114, 0.3694, 0.2971$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $42.1371, 0.2770, 0.3639$, and the grayscale version is $27.0217, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.7237, 0.3567, 0.3032$, and $9.9345, 0.3897, 0.2852$ is the 20% darker color. If you saturate the color by 10%, you get $21.3391, 0.3931, 0.2884$, and if you desaturate by 10%, it is $31.0030, 0.3496, 0.3062$.

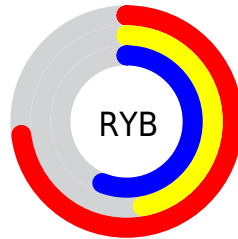
Distribution



Red (73%)

Green (47%)

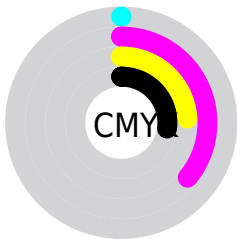
Blue (56%)



Red (73%)

Yellow (47%)

Blue (56%)

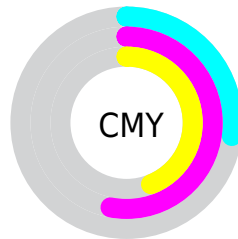


Cyan (0%)

Magenta (36%)

Yellow (24%)

Black (27%)



Cyan (27%)


Magenta (53%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7114, 0.3694, 0.2971 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 25.7114, 0.3694, 0.2971 by changing the saturation by 10% instead.


 25.7114, 0.3694,
0.2971


 25.7114, 0.3694,
0.2971


281.3625, 0.3384,
0.3145


 16.6079, 0.3782,
0.2922


 52.8090, 0.3574,
0.3038

 9.9553, 0.3902,
0.2856


 71.5718, 0.3531,
0.3062

 5.3693, 0.4074,
0.2761

 94.3232, 0.3496,
0.3082

 2.4656, 0.4344,
0.2614

121.4476, 0.3466,
0.3098

 0.8593, 0.4821,
0.2358

153.3293, 0.3441,
0.3113

 0.0000, 1.0000,
0.0000

190.3528, 0.3419,

 0.0000, 0.0000,

0.3125

0.0000

232.9024, 0.3400,
0.3135

■ 25.7114, 0.3694,
0.2971

■ 25.7114, 0.3694,
0.2971

■ 21.3391, 0.3931,
0.2884

■ 31.0030, 0.3496,
0.3062

■ 17.8296, 0.4207,
0.2809

■ 37.2589, 0.3333,
0.3152

■ 15.1256, 0.4521,
0.2757

■ 44.5255, 0.3199,
0.3238

■ 13.1614, 0.4859,
0.2739


■ 52.8452, 0.3090,
0.3319


■ 11.8609, 0.5200,
0.2766


■ 62.2578, 0.3000,
0.3393


 11.1244, 0.5516,
0.2841

 72.8012, 0.2927,
0.3462

 10.9234, 0.5626,
0.2873

 84.5115, 0.2866,
0.3524

 88.4348, 0.2806,
0.3440

 89.2002, 0.2744,
0.3306

Harmonies

Analogous

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



25.7114, 0.3186, 0.2668



25.7114, 0.3694, 0.2971



25.7114, 0.4053, 0.3356

Triad

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



25.7114, 0.3694, 0.2971



25.7114, 0.3507, 0.4213



25.7114, 0.2209, 0.2714

Complementary

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



25.7114, 0.3694, 0.2971



42.1371, 0.2770, 0.3639

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.



25.7114, 0.2279, 0.3111



25.7114, 0.3694, 0.2971



25.7114, 0.3006, 0.4049

Square

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



25.7114, 0.3694, 0.2971



25.7114, 0.3925, 0.4080



25.7114, 0.2561, 0.3619



25.7114, 0.2356, 0.2509

Rectangle

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



25.7114, 0.3694, 0.2971



25.7114, 0.4142, 0.3625



25.7114, 0.2561, 0.3619



25.7114, 0.2208, 0.2827

Sweetspot

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



25.7126, 0.3694, 0.2971



73.2446, 0.3260, 0.3197



24.5918, 0.2913, 0.2332



15.7426, 0.3279, 0.3185



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.



25.7126, 0.3694, 0.2971



39.4003, 0.3889, 0.2898



27.6512, 0.3939, 0.3436



9.5881, 0.3237, 0.3213



7.5402, 0.5594, 0.2855



0.3078, 0.4910, 0.2479

Inverse Universe

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



25.7126, 0.3694, 0.2971



39.4003, 0.3889, 0.2898



38.8705, 0.2603, 0.3136



9.5881, 0.3237, 0.3213



7.5402, 0.5594, 0.2855



0.3078, 0.4910, 0.2479

Previews

White Background



This preview shows how the Yxy color 25.7114, 0.3694, 0.2971 looks on a white background.

Color Contrast Check

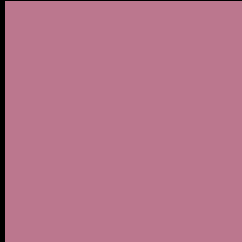
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7114, 0.3694, 0.2971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

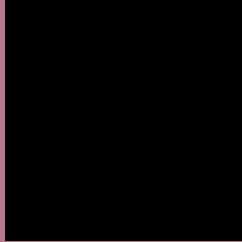
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7114, 0.3694, 0.2971

Background



This preview shows how black text looks on a background with the Yxy color 25.7114, 0.3694, 0.2971.



This preview shows how white text looks on a background with the Yxy color 25.7114, 0.3694, 0.2971.

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

25.7114, 0.3694, 0.2971

Protanopia

25.8284, 0.2959, 0.3028

Deuteranopia

25.8674, 0.3277, 0.3226



Tritanopia

25.7256, 0.3828, 0.3165

Trichromacy



Original Color

25.7114, 0.3694, 0.2971

Protanomaly

25.4032, 0.3198, 0.2993

Deuteranomaly

25.5933, 0.3428, 0.3123

Tritanomaly

25.5933, 0.3781, 0.3094

Monochromacy



Original Color

25.7114, 0.3694, 0.2971

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.2723, 0.3315, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7114, 0.3694, 0.2971 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, 119, 142)` looks like.

```
.text, #text, p{  
    color:rgb(187, 119, 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(187, 119, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 119, 142) }
```

Border

The CSS property to change the border of an element to Yxy 25.7114, 0.3694, 0.2971 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, 119, 142) }
```

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

```
.border{ border-color:rgb(187, 119, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 119, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 119, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 119, 142);  
box-shadow:4px 4px 4px 4px rgb(187, 119,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7114, 0.3694, 0.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 119, 142) }
```

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

```
.background{ background-color: rgb(187,  
119, 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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