

Converting Colors

$Y_{xy}(25.1586, 0.3572, 0.2782)$

Have a look what the booklet for
Yxy(25.1586, 0.3572, 0.2782)
contains.

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Color

Yxy(25.0933, 0.3579, 0.2781)

Conversions

Conversions Part 1

Format	Color
Hex	BB7398
RGB	187, 115, 152
RGB Percent	73%, 45%, 60%
CMY	0.2666, 0.5490, 0.4039
CMYK	0.00, 0.39, 0.19, 0.27
HSL	329°, 35%, 59%
HSV	329°, 39%, 73%
XYZ	32.2938, 25.0933, 32.8442
YIQ	140.7460, 31.0350, 26.7710

Conversions

Conversions Part 2

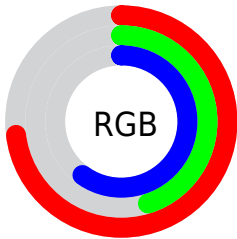
Format	Color
RYB	187, 115, 152
Decimal	12284824
CIELab	57.17, 33.52, -7.98
CIElCh	57, 34.462, 346.607
Yxy	25.0933, 0.3579, 0.2781
Android (android.graphics.Color)	4290474904 (0xFFBB7398)
YUV	140.7460, 5.5482, 40.5648
Hunter-Lab	50.0932, 27.4110, -3.8089

Details

The Yxy color **25.0933, 0.3579, 0.2781** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **41.3939, 0.2837, 0.3869**, and the grayscale version is **26.5008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.6946, 0.3485, 0.2884**, and **9.6257, 0.3735, 0.2614** is the 20% darker color. If you saturate the color by 10%, you get **20.9667, 0.3751, 0.2652**, and if you desaturate by 10%, it is **30.1102, 0.3431, 0.2917**.

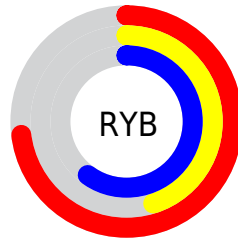
Distribution



Red (73%)

Green (45%)

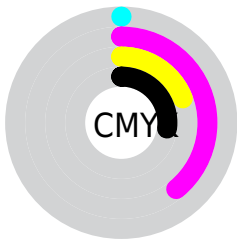
Blue (60%)



Red (73%)

Yellow (45%)

Blue (60%)

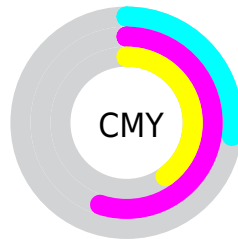


Cyan (0%)

Magenta (39%)

Yellow (19%)

Black (27%)



Cyan (27%)


Magenta (55%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.0933, 0.3579, 0.2781 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 25.0933, 0.3579, 0.2781 by changing the saturation by 10% instead.


 25.0933, 0.3579,
0.2781


 25.0933, 0.3579,
0.2781


278.3023, 0.3335,
0.3051


 16.1466, 0.3646,
0.2708


 51.8085, 0.3486,
0.2883

 9.6279, 0.3738,
0.2611


 70.3459, 0.3452,
0.2920

 5.1530, 0.3867,
0.2475


 92.8488, 0.3424,
0.2951

 2.3373, 0.4064,
0.2273

119.7018, 0.3401,
0.2978

 0.7933, 0.4405,
0.1937

151.2893, 0.3381,
0.3000

 0.0000, 0.7061,
0.0000

187.9956, 0.3364,

 0.0000, 0.0000,

0.3019

0.0000

230.2051, 0.3348,
0.3036

■ 25.0933, 0.3579,
0.2781

■ 25.0933, 0.3579,
0.2781

■ 20.9667, 0.3751,
0.2652

■ 30.1102, 0.3431,
0.2917

■ 17.6739, 0.3948,
0.2539

■ 36.0627, 0.3306,
0.3052

■ 15.1569, 0.4167,
0.2454


■ 42.9971, 0.3202,
0.3184


■ 13.3492, 0.4400,
0.2408

■ 50.9555, 0.3115,
0.3308

■ 12.1726, 0.4637,
0.2412

■ 59.9778, 0.3043,
0.3424


 11.4982, 0.4868,
0.2465

 70.1015, 0.2984,
0.3532

 11.4124, 0.4903,
0.2475

 81.3623, 0.2935,
0.3631

 87.5091, 0.2890,
0.3622

 88.0180, 0.2843,
0.3520

Harmonies

Analogous

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



25.0933, 0.2974, 0.2488



25.0933, 0.3579, 0.2781



25.0933, 0.4088, 0.3190

Triad

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



25.0933, 0.3579, 0.2781



25.0933, 0.3754, 0.4344



25.0933, 0.2074, 0.2757

Complementary

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



25.0933, 0.3579, 0.2781



41.3939, 0.2837, 0.3869

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.



25.0933, 0.2239, 0.3283



25.0933, 0.3579, 0.2781



25.0933, 0.3189, 0.4301

Square

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



25.0933, 0.3579, 0.2781



25.0933, 0.4172, 0.4073



25.0933, 0.2636, 0.3886



25.0933, 0.2153, 0.2446

Rectangle

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



25.0933, 0.3579, 0.2781



25.0933, 0.4274, 0.3494



25.0933, 0.2636, 0.3886



25.0933, 0.2101, 0.2912

Sweetspot

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



25.0945, 0.3579, 0.2781



72.2084, 0.3238, 0.3136



22.3152, 0.2769, 0.2235



15.5403, 0.3252, 0.3119



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.



25.0945, 0.3579, 0.2781



38.7379, 0.3719, 0.2674



24.0933, 0.4051, 0.3276



9.6160, 0.3210, 0.3173



7.8766, 0.4877, 0.2460



0.3217, 0.4374, 0.2183

Inverse Universe

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



25.0945, 0.3579, 0.2781



38.7379, 0.3719, 0.2674



42.7286, 0.2607, 0.3306



9.6160, 0.3210, 0.3173



7.8766, 0.4877, 0.2460



0.3217, 0.4374, 0.2183

Previews

White Background



This preview shows how the Yxy color 25.0933, 0.3579, 0.2781 looks on a white background.

Color Contrast Check

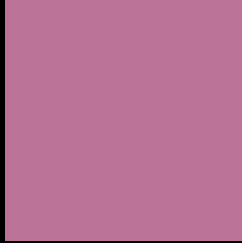
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0933, 0.3579, 0.2781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

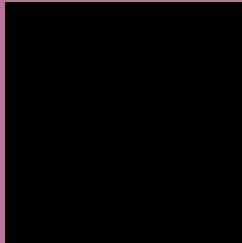
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0933, 0.3579, 0.2781

Background



This preview shows how black text looks on a background with the Yxy color 25.0933, 0.3579, 0.2781.



This preview shows how white text looks on a background with the Yxy color 25.0933, 0.3579, 0.2781.

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

25.0933, 0.3579, 0.2781

Protanopia

25.1868, 0.2788, 0.2803

Deuteranopia

25.3311, 0.3105, 0.3048



Tritanopia

24.9425, 0.3838, 0.3164

Trichromacy



Original Color

25.0933, 0.3579, 0.2781

Protanomaly

24.5909, 0.3039, 0.2777

Deuteranomaly

24.9578, 0.3271, 0.2938

Tritanomaly

25.0773, 0.3737, 0.3023

Monochromacy



Original Color

25.0933, 0.3579, 0.2781

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.8160, 0.3285, 0.3088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0933, 0.3579, 0.2781 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, 115, 152)` looks like.

```
.text, #text, p{  
    color:rgb(187, 115, 152)  
}
```

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, 115, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 115, 152) }
```

Border

The CSS property to change the border of an element to Yxy 25.0933, 0.3579, 0.2781 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, 115, 152) }
```

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

```
.border{ border-color:rgb(187, 115, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 115, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 115, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 115, 152);  
box-shadow:4px 4px 4px 4px rgb(187, 115,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0933, 0.3579, 0.2781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 115, 152) }
```

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

```
.background{ background-color: rgb(187,  
115, 152) }
```

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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