

Converting Colors

$Y_{xy}(25.2238, 0.2850, 0.1842)$

Have a look what the booklet for
Yxy(25.2238, 0.2850, 0.1842)
contains.

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Color

Yxy(25.1985, 0.2851, 0.1842)

Conversions

Conversions Part 1

Format	Color
Hex	BE63DF
RGB	190, 99, 223
RGB Percent	75%, 39%, 87%
CMY	0.2551, 0.6116, 0.1256
CMYK	0.15, 0.56, 0.00, 0.13
HSL	284°, 66%, 63%
HSV	284°, 56%, 87%
XYZ	39.0016, 25.1985, 72.5996
YIQ	140.3450, 14.4320, 57.8560

Conversions

Conversions Part 2

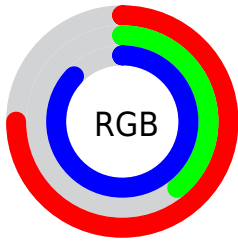
Format	Color
R _Y B	190, 99, 223
Decimal	12477407
CIE Lab	57.27, 55.74, -48.40
CIE LCh	57, 73.820, 319.031
Yxy	25.1985, 0.2851, 0.1842
Android (android.graphics.Color)	4290667487 (0xFFBE63DF)
YUV	140.3450, 40.7489, 43.5474
Hunter-Lab	50.1981, 50.8395, -50.6102

Details

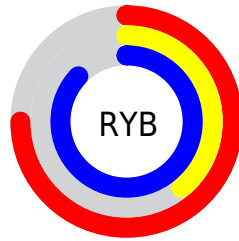
The Yxy color **25.1985, 0.2851, 0.1842** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **58.5744, 0.3238, 0.4970**, and the grayscale version is **26.2050, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1422, 0.3124, 0.2286**, and **9.7351, 0.2731, 0.1498** is the 20% darker color. If you saturate the color by 10%, you get **20.7899, 0.2781, 0.1619**, and if you desaturate by 10%, it is **30.8066, 0.2916, 0.2093**.

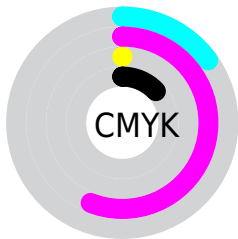
Distribution



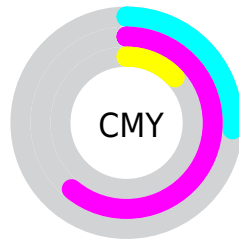
- Red (75%)
- Green (39%)
- Blue (87%)



- Red (75%)
- Yellow (39%)
- Blue (87%)



- Cyan (15%)
- Magenta (56%)
- Yellow (0%)
- Black (13%)





- Cyan (26%)
- Magenta (61%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1985, 0.2851, 0.1842 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 25.1985, 0.2851, 0.1842 by changing the saturation by 10% instead.


 25.1985, 0.2851,
0.1842


 25.1985, 0.2851,
0.1842


278.8250, 0.3027,
0.2533


 16.2250, 0.2797,
0.1684


 51.9791, 0.2923,
0.2083


 9.6835, 0.2722,
0.1492


 70.5549, 0.2947,
0.2177

 5.1896, 0.2615,
0.1256


 93.1004, 0.2967,
0.2257

 2.3589, 0.2455,
0.0964

 119.9998, 0.2984,
0.2327

 0.8046, 0.2199,
0.0613

151.6376, 0.2997,
0.2388

 0.0000, 0.1818,
0.0000

188.3981, 0.3009,


 0.0000, 0.0097,


0.2442


0.0000


230.6658, 0.3018,
0.2490

 0.0000, 0.0000,
0.0000


 25.1985, 0.2851,
0.1842


 25.1985, 0.2851,
0.1842


 20.7899, 0.2781,
0.1619

 30.8066, 0.2916,
0.2093


 17.4787, 0.2709,
0.1433


 37.6988, 0.2975,
0.2359


 15.1510, 0.2636,
0.1294

 45.9555, 0.3027,
0.2630

 13.6652, 0.2566,
0.1201

 55.6496, 0.3072,
0.2897

 13.1693, 0.2535,
0.1170

 66.8488, 0.3109,
0.3154

■ 79.6162, 0.3140,
0.3395

■ 93.9259, 0.3165,
0.3616

■ 94.9349, 0.3203,
0.3613

■ 95.9778, 0.3241,
0.3609

Harmonies

Analogous

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



25.1985, 0.1893, 0.1598



25.1985, 0.2851, 0.1842



25.1985, 0.4146, 0.2347

Triad

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



25.1985, 0.2851, 0.1842



25.1985, 0.4997, 0.4614



25.1985, 0.1367, 0.3043

Complementary

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



25.1985, 0.2851, 0.1842



58.5744, 0.3238, 0.4970

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.



25.1985, 0.1977, 0.4547



25.1985, 0.2851, 0.1842



25.1985, 0.4057, 0.5414

Square

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



25.1985, 0.2851, 0.1842



25.1985, 0.5506, 0.3777



25.1985, 0.2971, 0.5598



25.1985, 0.1193, 0.2068

Rectangle

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



25.1985, 0.2851, 0.1842



25.1985, 0.4939, 0.2787



25.1985, 0.2971, 0.5598



25.1985, 0.1518, 0.3510

Sweetspot

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



25.1995, 0.2851, 0.1842



73.2660, 0.3065, 0.2856



24.5112, 0.2150, 0.1971



15.0916, 0.3057, 0.2803



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.1995, 0.2851, 0.1842



27.2061, 0.2767, 0.1580



28.5150, 0.3504, 0.2239



13.7423, 0.3095, 0.3056



7.8035, 0.2546, 0.1176



0.5839, 0.2652, 0.1234

Inverse Universe

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



26.2857, 0.4329, 0.2913



29.2274, 0.4759, 0.2872



56.9735, 0.2905, 0.4672



13.7602, 0.3250, 0.3228



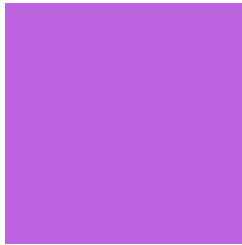
9.4287, 0.5868, 0.3006



0.6682, 0.5427, 0.2763

Previews

White Background



This preview shows how the Yxy color 25.1985, 0.2851, 0.1842 looks on a white background.

Color Contrast Check

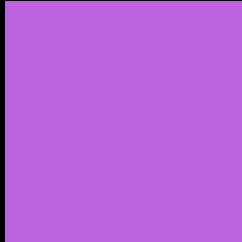
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1985, 0.2851, 0.1842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

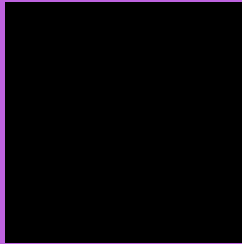
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1985, 0.2851, 0.1842

Background



This preview shows how black text looks on a background with the Yxy color 25.1985, 0.2851, 0.1842.



This preview shows how white text looks on a background with the Yxy color 25.1985, 0.2851, 0.1842.

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

25.1985, 0.2851, 0.1842

Protanopia

25.7661, 0.1923, 0.1681

Deuteranopia

25.6216, 0.2184, 0.2127



Tritanopia

25.1790, 0.3686, 0.3159

Trichromacy



Original Color

25.1985, 0.2851, 0.1842



Protanomaly

23.9277, 0.2136, 0.1684



Deuteranomaly

24.2756, 0.2362, 0.1963



Tritanomaly

24.6963, 0.3362, 0.2587

Monochromacy



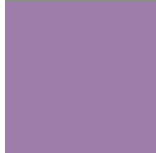
Original Color

25.1985, 0.2851, 0.1842



Achromatopsia

26.2251, 0.3127, 0.3290



Achromatomaly

24.8386, 0.3025, 0.2619

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1985, 0.2851, 0.1842 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(190, 99, 223)` looks like.

```
.text, #text, p{  
    color:rgb(190, 99, 223)  
}
```

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(190, 99, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 99, 223) }
```

Border

The CSS property to change the border of an element to Yxy 25.1985, 0.2851, 0.1842 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(190, 99, 223) }
```

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

```
.border{ border-color:rgb(190, 99, 223) }
```

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

Here you see how a box with a 4 pixel rgb(190, 99, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 99, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 99, 223);  
box-shadow:4px 4px 4px 4px rgb(190, 99,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1985, 0.2851, 0.1842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 99, 223) }
```

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

```
.background{ background-color: rgb(190, 99,  
223) }
```

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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