

Converting Colors

Yxy(25.3846, 0.3063, 0.2142)

Have a look what the booklet for
Yxy(25.3846, 0.3063, 0.2142)
contains.

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Color

Yxy(25.3303, 0.3060, 0.2135)

Conversions

Conversions Part 1

Format	Color
Hex	BC6BC7
RGB	188, 107, 199
RGB Percent	74%, 42%, 78%
CMY	0.2628, 0.5804, 0.2196
CMYK	0.06, 0.46, 0.00, 0.22
HSL	293°, 45%, 60%
HSV	293°, 46%, 78%
XYZ	36.3048, 25.3303, 57.0080
YIQ	141.7070, 18.7440, 45.7840

Conversions

Conversions Part 2

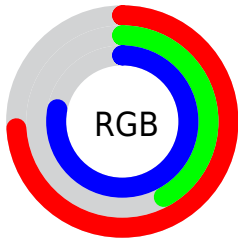
Format	Color
RYB	188, 107, 199
Decimal	12348359
CIELab	57.40, 46.42, -34.65
CIElCh	57, 57.927, 323.259
Yxy	25.3303, 0.3060, 0.2135
Android (android.graphics.Color)	4290538439 (0xFFBC6BC7)
YUV	141.7070, 28.2454, 40.5990
Hunter-Lab	50.3292, 40.6842, -31.9275

Details

The Yxy color **25.3303, 0.3060, 0.2135** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **45.7605, 0.3135, 0.4696**, and the grayscale version is **26.8104, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.3026, 0.3097, 0.2354**, and **9.7633, 0.3005, 0.1817** is the 20% darker color. If you saturate the color by 10%, you get **21.3485, 0.3036, 0.1913**, and if you desaturate by 10%, it is **30.2740, 0.3081, 0.2378**.

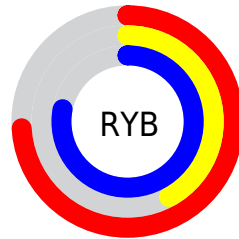
Distribution



Red (74%)

Green (42%)

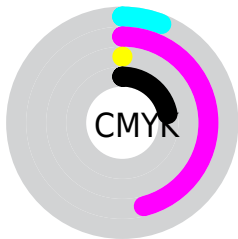
Blue (78%)



Red (74%)

Yellow (42%)

Blue (78%)

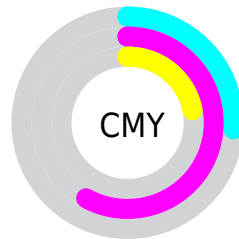


Cyan (6%)

Magenta (46%)

Yellow (0%)

Black (22%)



Cyan (26%)


Magenta (58%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3303, 0.3060, 0.2135 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 25.3303, 0.3060, 0.2135 by changing the saturation by 10% instead.


 25.3303, 0.3060,
0.2135


 25.3303, 0.3060,
0.2135

279.4789, 0.3117,
0.2708


 16.3233, 0.3038,
0.1996


 52.1926, 0.3086,
0.2341

 9.7532, 0.3005,
0.1822


 70.8166, 0.3095,
0.2419

 5.2356, 0.2953,
0.1598


 93.4152, 0.3101,
0.2485

 2.3862, 0.2865,
0.1303

 120.3726, 0.3106,
0.2542

 0.8188, 0.2702,
0.0911

152.0733, 0.3109,
0.2592

 0.0000, 0.2469,
0.0000

188.9016, 0.3112,

 0.0000, 0.0000,

0.2635

0.0000

231.2420, 0.3115,
0.2674

■ 25.3303, 0.3060,
0.2135

■ 25.3303, 0.3060,
0.2135

■ 21.3485, 0.3036,
0.1913

■ 30.2740, 0.3081,
0.2378

■ 18.2589, 0.3009,
0.1722

■ 36.2365, 0.3098,
0.2632

■ 15.9878, 0.2980,
0.1569


■ 43.2740, 0.3111,
0.2888


■ 14.4478, 0.2950,
0.1461


■ 51.4378, 0.3122,
0.3139


■ 13.5280, 0.2919,
0.1395

■ 60.7757, 0.3130,
0.3379

 13.2607, 0.2908,
0.1375

 71.3329, 0.3135,
0.3604

 83.1521, 0.3138,
0.3813

 88.9143, 0.3148,
0.3897

 89.2597, 0.3163,
0.3895

Harmonies

Analogous

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



25.3303, 0.2214, 0.1889



25.3303, 0.3060, 0.2135



25.3303, 0.4083, 0.2602

Triad

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



25.3303, 0.3060, 0.2135



25.3303, 0.4627, 0.4567



25.3303, 0.1638, 0.2995

Complementary

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



25.3303, 0.3060, 0.2135



45.7605, 0.3135, 0.4696

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.



25.3303, 0.2131, 0.4093



25.3303, 0.3060, 0.2135



25.3303, 0.3851, 0.5074

Square

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



25.3303, 0.3060, 0.2135



25.3303, 0.5042, 0.3884



25.3303, 0.2941, 0.4982



25.3303, 0.1508, 0.2246

Rectangle

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



25.3303, 0.3060, 0.2135



25.3303, 0.4661, 0.2998



25.3303, 0.2941, 0.4982



25.3303, 0.1760, 0.3337

Sweetspot

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



25.3314, 0.3060, 0.2135



78.4989, 0.3114, 0.2940



20.5083, 0.2294, 0.2045



16.1704, 0.3111, 0.2884



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.



25.3314, 0.3060, 0.2135



37.6410, 0.3037, 0.1922



25.3853, 0.3571, 0.2545



10.7498, 0.3119, 0.3061



8.5522, 0.2912, 0.1378



0.4236, 0.2978, 0.1414

Inverse Universe

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



23.9671, 0.4214, 0.3148



35.1174, 0.4583, 0.3127



45.8882, 0.2857, 0.4192



10.6572, 0.3271, 0.3263



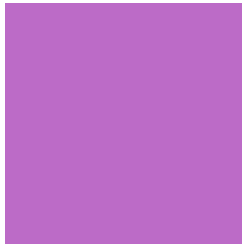
7.8565, 0.6238, 0.3210



0.3790, 0.5802, 0.2970

Previews

White Background



This preview shows how the Yxy color 25.3303, 0.3060, 0.2135 looks on a white background.

Color Contrast Check

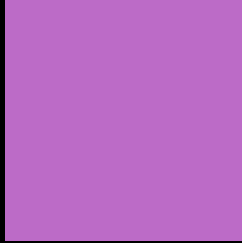
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3303, 0.3060, 0.2135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

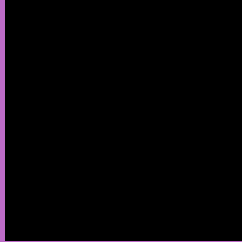
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3303, 0.3060, 0.2135

Background



This preview shows how black text looks on a background with the Yxy color 25.3303, 0.3060, 0.2135.



This preview shows how white text looks on a background with the Yxy color 25.3303, 0.3060, 0.2135.

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

25.3303, 0.3060, 0.2135

Protanopia

25.5987, 0.2188, 0.2022

Deuteranopia

25.7083, 0.2466, 0.2411



Tritanopia

25.4156, 0.3710, 0.3160

Trichromacy



Original Color

25.3303, 0.3060, 0.2135



Protanomaly

24.6732, 0.2436, 0.2040



Deuteranomaly

24.8365, 0.2648, 0.2273



Tritanomaly

25.0680, 0.3465, 0.2744

Monochromacy



Original Color

25.3303, 0.3060, 0.2135



Achromatopsia

27.0498, 0.3127, 0.3290



Achromatomaly

25.7158, 0.3107, 0.2778

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3303, 0.3060, 0.2135 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, 107, 199)` looks like.

```
.text, #text, p{  
    color:rgb(188, 107, 199)  
}
```

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, 107, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 107, 199) }
```

Border

The CSS property to change the border of an element to Yxy 25.3303, 0.3060, 0.2135 is called "border". The border property can be set on classes, ids or directly on the HTML element.

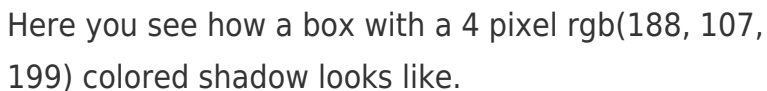
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 107, 199) }
```

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

```
.border{ border-color:rgb(188, 107, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 107, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 107, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 107, 199); box-shadow:4px 4px 4px 4px rgb(188, 107, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3303, 0.3060, 0.2135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 107, 199) }
```

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

```
.background{ background-color: rgb(188,  
107, 199) }
```

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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