

Converting Colors

$Y_{xy}(22.3887, 0.3167, 0.2135)$

Have a look what the booklet for
Yxy(22.3887, 0.3167, 0.2135)
contains.

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Color

Yxy(22.4088, 0.3169, 0.2143)

Conversions

Conversions Part 1

Format	Color
Hex	B961BA
RGB	185, 97, 186
RGB Percent	73%, 38%, 73%
CMY	0.2746, 0.6195, 0.2707
CMYK	0.01, 0.48, 0.00, 0.27
HSL	299°, 39%, 55%
HSV	299°, 48%, 73%
XYZ	33.1374, 22.4088, 49.0212
YIQ	133.4580, 23.8790, 46.3350

Conversions

Conversions Part 2

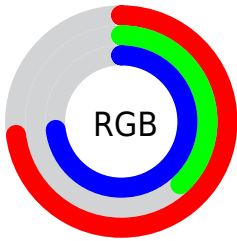
Format	Color
RYB	185, 97, 186
Decimal	12149178
CIELab	54.46, 48.21, -31.81
CIELCh	54, 57.757, 326.585
Yxy	22.4088, 0.3169, 0.2143
Android (android.graphics.Color)	4290339258 (0xFFB961BA)
YUV	133.4580, 25.9032, 45.2023
Hunter-Lab	47.3379, 42.1119, -28.2617

Details

The Yxy color **22.4088, 0.3169, 0.2143** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **38.5717, 0.3064, 0.4775**, and the grayscale version is **23.5304, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.5987, 0.3179, 0.2363**, and **8.2131, 0.3161, 0.1819** is the 20% darker color. If you saturate the color by 10%, you get **19.3389, 0.3175, 0.1945**, and if you desaturate by 10%, it is **26.2864, 0.3162, 0.2367**.

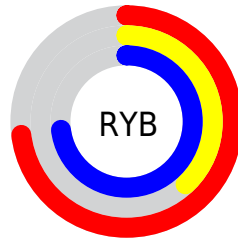
Distribution



Red (73%)

Green (38%)

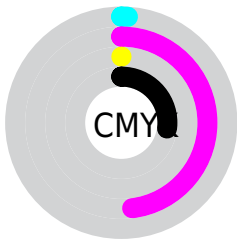
Blue (73%)



Red (73%)

Yellow (38%)

Blue (73%)

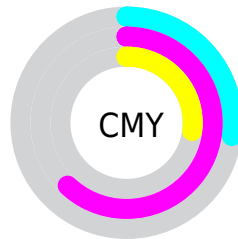


Cyan (1%)

Magenta (48%)

Yellow (0%)

Black (27%)



Cyan (27%)


Magenta (62%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.4088, 0.3169, 0.2143 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 22.4088, 0.3169, 0.2143 by changing the saturation by 10% instead.


 22.4088, 0.3169,
0.2143


 22.4088, 0.3169,
0.2143


264.6738, 0.3168,
0.2723


 14.1576, 0.3162,
0.1999


 47.4207, 0.3174,
0.2354


 8.2304, 0.3147,
0.1816


 64.9502, 0.3174,
0.2433

 4.2427, 0.3119,
0.1578


 86.3413, 0.3174,
0.2500

 1.8102, 0.3061,
0.1260

 111.9783, 0.3173,
0.2557

 0.4935, 0.2954,
0.0756

142.2457, 0.3172,
0.2607

 0.0000, 0.2606,
0.0000

177.5278, 0.3170,

 0.0000, 0.0000,

0.2651

0.0000

218.2090, 0.3169,
0.2689

■ 22.4088, 0.3169,
0.2143

■ 22.4088, 0.3169,
0.2143

■ 19.3389, 0.3175,
0.1945

■ 26.2864, 0.3162,
0.2367

■ 17.0166, 0.3179,
0.1782

■ 31.0203, 0.3153,
0.2607

■ 15.3783, 0.3182,
0.1658


■ 36.6589, 0.3144,
0.2854

■ 14.3484, 0.3182,
0.1577

■ 43.2460, 0.3135,
0.3101

■ 13.8114, 0.3181,
0.1534

■ 50.8225, 0.3125,
0.3341

 13.7180, 0.3181,
0.1526

 59.4272, 0.3116,
0.3570

 69.0964, 0.3107,
0.3783

 79.8650, 0.3099,
0.3981

 85.6128, 0.3096,
0.4072

Harmonies

Analogous

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



22.4088, 0.2263, 0.1863



22.4088, 0.3169, 0.2143



22.4088, 0.4230, 0.2642

Triad

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



22.4088, 0.3169, 0.2143



22.4088, 0.4592, 0.4671



22.4088, 0.1559, 0.2869

Complementary

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



22.4088, 0.3169, 0.2143



38.5717, 0.3064, 0.4775

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.



22.4088, 0.2018, 0.3993



22.4088, 0.3169, 0.2143



22.4088, 0.3762, 0.5169

Square

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



22.4088, 0.3169, 0.2143



22.4088, 0.5084, 0.3968



22.4088, 0.2824, 0.4990



22.4088, 0.1467, 0.2151

Rectangle

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



22.4088, 0.3169, 0.2143



22.4088, 0.4798, 0.3055



22.4088, 0.2824, 0.4990



22.4088, 0.1669, 0.3211

Sweetspot

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



22.4098, 0.3169, 0.2143



70.5544, 0.3141, 0.2944



14.9192, 0.2235, 0.1831



14.9873, 0.3143, 0.2890



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.



22.4098, 0.3169, 0.2143



35.0048, 0.3175, 0.1943



20.9745, 0.3735, 0.2657



9.1574, 0.3136, 0.3065



9.2337, 0.3181, 0.1526



0.3272, 0.3189, 0.1530

Inverse Universe

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



19.8743, 0.4411, 0.3280



29.8910, 0.4856, 0.3279



39.5462, 0.2784, 0.4044



9.0138, 0.3286, 0.3288



7.0270, 0.6386, 0.3292



0.2483, 0.6326, 0.3258

Previews

White Background



This preview shows how the Yxy color 22.4088, 0.3169, 0.2143 looks on a white background.

Color Contrast Check

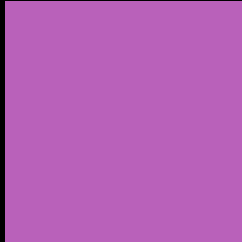
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4088, 0.3169, 0.2143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

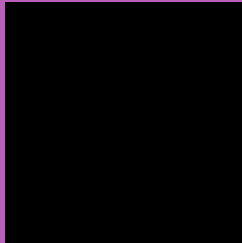
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.4088, 0.3169, 0.2143

Background



This preview shows how black text looks on a background with the Yxy color 22.4088, 0.3169, 0.2143.



This preview shows how white text looks on a background with the Yxy color 22.4088, 0.3169, 0.2143.

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

22.4088, 0.3169, 0.2143

Protanopia

22.7885, 0.2184, 0.2020

Deuteranopia

22.6406, 0.2514, 0.2457



Tritanopia

22.3159, 0.3875, 0.3159

Trichromacy



Original Color

22.4088, 0.3169, 0.2143

Protanomaly

21.7802, 0.2452, 0.2027

Deuteranomaly

21.6754, 0.2714, 0.2296

Tritanomaly

22.2630, 0.3604, 0.2748

Monochromacy



Original Color

22.4088, 0.3169, 0.2143

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.3753, 0.3151, 0.2783

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.4088, 0.3169, 0.2143 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(185, 97, 186)` looks like.

```
.text, #text, p{  
    color:rgb(185, 97, 186)  
}
```

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(185, 97, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 97, 186) }
```

Border

The CSS property to change the border of an element to Yxy 22.4088, 0.3169, 0.2143 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(185, 97, 186) }
```

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

```
.border{ border-color:rgb(185, 97, 186) }
```

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

Here you see how a box with a 4 pixel rgb(185, 97, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 97, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 97, 186);  
box-shadow:4px 4px 4px 4px rgb(185, 97,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 22.4088, 0.3169, 0.2143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 97, 186) }
```

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

```
.background{ background-color: rgb(185, 97,  
186) }
```

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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