

Converting Colors

$Y_{xy}(22.2137, 0.3376, 0.2363)$

Have a look what the booklet for
Yxy(22.2137, 0.3376, 0.2363)
contains.

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Color

Yxy(22.1025, 0.3370, 0.2355)

Conversions

Conversions Part 1

Format	Color
Hex	B963A9
RGB	185, 99, 169
RGB Percent	73%, 39%, 66%
CMY	0.2745, 0.6117, 0.3374
CMYK	0.00, 0.46, 0.09, 0.27
HSL	311°, 38%, 56%
HSV	311°, 46%, 73%
XYZ	31.6286, 22.1025, 40.1224
YIQ	132.6940, 28.7860, 40.0020

Conversions

Conversions Part 2

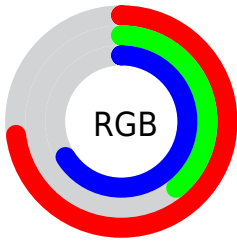
Format	Color
R_{YB}	185, 99, 169
Decimal	12149673
CIE _{Lab}	54.14, 44.18, -22.46
CIE _{LCh}	54, 49.559, 333.048
Yxy	22.1025, 0.3370, 0.2355
Android (android.graphics.Color)	4290339753 (0xFFB963A9)
YUV	132.6940, 17.8989, 45.8724
Hunter-Lab	47.0133, 37.8143, -17.6903

Details

The Yxy color **22.1025, 0.3370, 0.2355** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **38.5896, 0.2958, 0.4461**, and the grayscale version is **23.2653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.8930, 0.3335, 0.2537**, and **8.0632, 0.3429, 0.2058** is the 20% darker color. If you saturate the color by 10%, you get **18.8624, 0.3438, 0.2180**, and if you desaturate by 10%, it is **26.1509, 0.3307, 0.2550**.

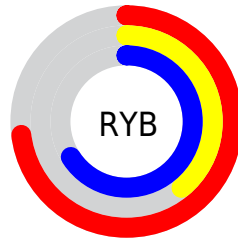
Distribution



Red (73%)

Green (39%)

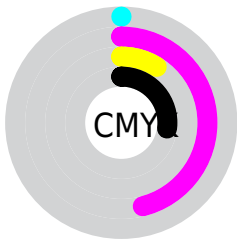
Blue (66%)



Red (73%)

Yellow (39%)

Blue (66%)

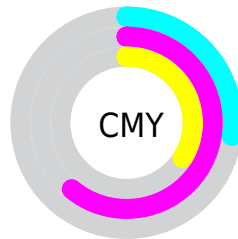


Cyan (0%)

Magenta (46%)

Yellow (9%)

Black (27%)



Cyan (27%)


Magenta (61%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.1025, 0.3370, 0.2355 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 22.1025, 0.3370, 0.2355 by changing the saturation by 10% instead.


 22.1025, 0.3370,
0.2355


 22.1025, 0.3370,
0.2355


263.0811, 0.3251,
0.2840


 13.9322, 0.3398,
0.2230


 46.9153, 0.3328,
0.2535


 8.0735, 0.3433,
0.2067


 64.3267, 0.3312,
0.2601

 4.1420, 0.3475,
0.1848


 85.5873, 0.3298,
0.2657

 1.7533, 0.3526,
0.1542

 111.0813, 0.3286,
0.2704

 0.4578, 0.3626,
0.0972

141.1934, 0.3275,
0.2745

 0.0000, 0.3482,
0.0000

176.3077, 0.3266,

 0.0000, 0.0000,

0.2781

0.0000

216.8088, 0.3258,
0.2812

■ 22.1025, 0.3370,
0.2355

■ 22.1025, 0.3370,
0.2355

■ 18.8624, 0.3438,
0.2180

■ 26.1509, 0.3307,
0.2550

■ 16.3721, 0.3510,
0.2033

■ 31.0549, 0.3249,
0.2754

■ 14.5698, 0.3582,
0.1925


■ 36.8618, 0.3198,
0.2961


■ 13.3827, 0.3653,
0.1860

■ 43.6145, 0.3153,
0.3163


■ 12.7139, 0.3721,
0.1839

■ 51.3531, 0.3114,
0.3357

 12.5331, 0.3745,
0.1837

 60.1154, 0.3081,
0.3540

 69.9373, 0.3053,
0.3711

 80.8529, 0.3029,
0.3869

 86.0046, 0.3009,
0.3910

Harmonies

Analogous

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



22.1025, 0.2524, 0.2054



22.1025, 0.3370, 0.2355



22.1025, 0.4259, 0.2843

Triad

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



22.1025, 0.3370, 0.2355



22.1025, 0.4306, 0.4651



22.1025, 0.1693, 0.2775

Complementary

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



22.1025, 0.3370, 0.2355



38.5896, 0.2958, 0.4461

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.



22.1025, 0.2046, 0.3680



22.1025, 0.3370, 0.2355



22.1025, 0.3543, 0.4937

Square

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



22.1025, 0.3370, 0.2355



22.1025, 0.4797, 0.4070



22.1025, 0.2715, 0.4588



22.1025, 0.1666, 0.2210

Rectangle

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



22.1025, 0.3370, 0.2355



22.1025, 0.4684, 0.3233



22.1025, 0.2715, 0.4588



22.1025, 0.1772, 0.3046

Sweetspot

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



22.1035, 0.3370, 0.2355



68.5925, 0.3187, 0.3007



16.0581, 0.2405, 0.1906



14.2586, 0.3197, 0.2963



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



22.1035, 0.3370, 0.2355



33.5616, 0.3441, 0.2173



20.7525, 0.3960, 0.2909



9.1333, 0.3165, 0.3106



8.5440, 0.3737, 0.1832



0.3087, 0.3578, 0.1745

Inverse Universe

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



22.1035, 0.3370, 0.2355



33.5616, 0.3441, 0.2173



39.8117, 0.2680, 0.3725



9.1333, 0.3165, 0.3106



8.5440, 0.3737, 0.1832



0.3087, 0.3578, 0.1745

Previews

White Background



This preview shows how the Yxy color 22.1025, 0.3370, 0.2355 looks on a white background.

Color Contrast Check

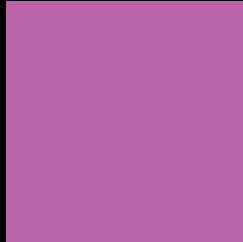
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1025, 0.3370, 0.2355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

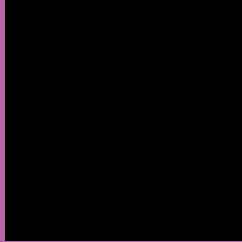
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.1025, 0.3370, 0.2355

Background



This preview shows how black text looks on a background with the Yxy color 22.1025, 0.3370, 0.2355.



This preview shows how white text looks on a background with the Yxy color 22.1025, 0.3370, 0.2355.

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

22.1025, 0.3370, 0.2355

Protanopia

22.4511, 0.2384, 0.2285

Deuteranopia

22.2191, 0.2735, 0.2671



Tritanopia

22.0436, 0.3952, 0.3175

Trichromacy



Original Color

22.1025, 0.3370, 0.2355

Protanomaly

21.4598, 0.2675, 0.2276

Deuteranomaly

21.6788, 0.2943, 0.2524

Tritanomaly

21.9380, 0.3728, 0.2847

Monochromacy



Original Color

22.1025, 0.3370, 0.2355

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.4255, 0.3218, 0.2890

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1025, 0.3370, 0.2355 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, 99, 169)` looks like.

```
.text, #text, p{  
    color:rgb(185, 99, 169)  
}
```

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, 99, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 99, 169) }
```

Border

The CSS property to change the border of an element to Yxy 22.1025, 0.3370, 0.2355 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, 99, 169) }
```

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

```
.border{ border-color:rgb(185, 99, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 99, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 99, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 99, 169);  
box-shadow:4px 4px 4px 4px rgb(185, 99,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 22.1025, 0.3370, 0.2355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 99, 169) }
```

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

```
.background{ background-color: rgb(185, 99,  
169) }
```

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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