

Converting Colors

$Y_{xy}(22.3888, 0.3750, 0.2865)$

Have a look what the booklet for
Yxy(22.3888, 0.3750, 0.2865)
contains.

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Color

Yxy(22.3888, 0.3750, 0.2865)

Conversions

Conversions Part 1

Format	Color
Hex	B76B89
RGB	183, 107, 137
RGB Percent	72%, 42%, 54%
CMY	0.2823, 0.5804, 0.4627
CMYK	0.00, 0.42, 0.25, 0.28
HSL	336°, 35%, 57%
HSV	336°, 42%, 72%
XYZ	29.3047, 22.3888, 26.4524
YIQ	133.1440, 35.6660, 25.4420

Conversions

Conversions Part 2

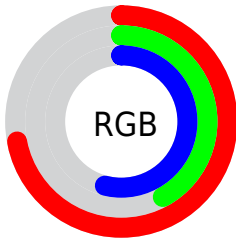
Format	Color
R_{YB}	183, 107, 137
Decimal	12020617
CIE Lab	54.44, 34.17, -3.35
CIE LCh	54, 34.338, 354.398
Yxy	22.3888, 0.3750, 0.2865
Android (android.graphics.Color)	4290210697 (0xFFB76B89)
YUV	133.1440, 1.9010, 43.7237
Hunter-Lab	47.3168, 27.7460, -0.0242

Details

The Yxy color **22.3888, 0.3750, 0.2865** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **39.2965, 0.2758, 0.3770**, and the grayscale version is **23.4946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.3846, 0.3613, 0.2962**, and **8.2036, 0.3995, 0.2712** is the 20% darker color. If you saturate the color by 10%, you get **18.6677, 0.3981, 0.2769**, and if you desaturate by 10%, it is **26.9522, 0.3554, 0.2969**.

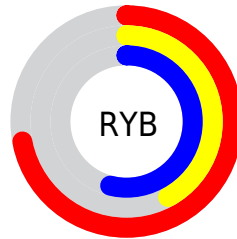
Distribution



Red (72%)

Green (42%)

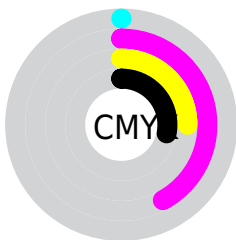
Blue (54%)



Red (72%)

Yellow (42%)

Blue (54%)

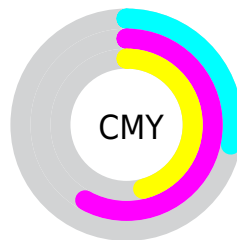


Cyan (0%)

Magenta (42%)

Yellow (25%)

Black (28%)



Cyan (28%)


Magenta (58%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.3888, 0.3750, 0.2865 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 22.3888, 0.3750, 0.2865 by changing the saturation by 10% instead.


 22.3888, 0.3750,
0.2865


 22.3888, 0.3750,
0.2865


264.5700, 0.3404,
0.3099


 14.1429, 0.3850,
0.2799


 47.3878, 0.3615,
0.2955


 8.2201, 0.3989,
0.2708


 64.9096, 0.3567,
0.2988

 4.2361, 0.4192,
0.2577

 86.2921, 0.3527,
0.3014

 1.8065, 0.4516,
0.2373

 111.9199, 0.3494,
0.3037

 0.4912, 0.5244,
0.1854

142.1771, 0.3467,
0.3056

 0.0000, 1.0000,
0.0000

177.4483, 0.3443,

 0.0000, 0.0000,

0.3072

0.0000

218.1178, 0.3422,
0.3086

■ 22.3888, 0.3750,
0.2865

■ 22.3888, 0.3750,
0.2865

■ 18.6677, 0.3981,
0.2769

■ 26.9522, 0.3554,
0.2969

■ 15.7334, 0.4247,
0.2690

■ 32.4025, 0.3390,
0.3075

■ 13.5284, 0.4540,
0.2642

■ 38.7849, 0.3254,
0.3178


■ 11.9864, 0.4849,
0.2635

■ 46.1408, 0.3142,
0.3276


■ 11.0284, 0.5154,
0.2678


■ 54.5089, 0.3051,
0.3367

 10.5404, 0.5397,
0.2747

 63.9258, 0.2975,
0.3450

 74.4263, 0.2913,
0.3527

 86.0436, 0.2862,
0.3598

 87.6838, 0.2807,
0.3489

Harmonies

Analogous

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



22.3888, 0.3127, 0.2527



22.3888, 0.3750, 0.2865



22.3888, 0.4216, 0.3305

Triad

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



22.3888, 0.3750, 0.2865



22.3888, 0.3629, 0.4407



22.3888, 0.2039, 0.2631

Complementary

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



22.3888, 0.3750, 0.2865



39.2965, 0.2758, 0.3770

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.



22.3888, 0.2142, 0.3122



22.3888, 0.3750, 0.2865



22.3888, 0.3033, 0.4262

Square

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



22.3888, 0.3750, 0.2865



22.3888, 0.4116, 0.4191



22.3888, 0.2492, 0.3752



22.3888, 0.2184, 0.2375

Rectangle

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



22.3888, 0.3750, 0.2865



22.3888, 0.4345, 0.3620



22.3888, 0.2492, 0.3752



22.3888, 0.2045, 0.2771

Sweetspot

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



22.3899, 0.3750, 0.2865



68.6441, 0.3262, 0.3171



20.6677, 0.2831, 0.2178



14.8162, 0.3279, 0.3158



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.



22.3899, 0.3750, 0.2865



33.8548, 0.3964, 0.2775



23.2998, 0.4128, 0.3402



9.0694, 0.3228, 0.3200



7.3649, 0.5366, 0.2730



0.2719, 0.4681, 0.2352

Inverse Universe

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



22.3899, 0.3750, 0.2865



33.8548, 0.3964, 0.2775



37.3645, 0.2548, 0.3171



9.0694, 0.3228, 0.3200



7.3649, 0.5366, 0.2730



0.2719, 0.4681, 0.2352

Previews

White Background



This preview shows how the Yxy color 22.3888, 0.3750, 0.2865 looks on a white background.

Color Contrast Check

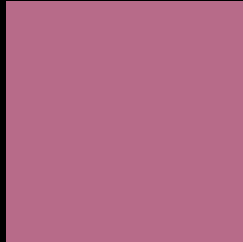
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3888, 0.3750, 0.2865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

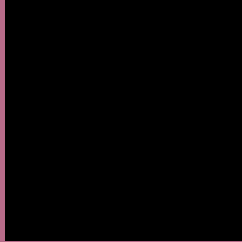
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.3888, 0.3750, 0.2865

Background



This preview shows how black text looks on a background with the Yxy color 22.3888, 0.3750, 0.2865.



This preview shows how white text looks on a background with the Yxy color 22.3888, 0.3750, 0.2865.

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

22.3888, 0.3750, 0.2865

Protanopia

22.7117, 0.2879, 0.2930

Deuteranopia

22.6508, 0.3228, 0.3172



Tritanopia

22.3075, 0.3963, 0.3162

Trichromacy



Original Color

22.3888, 0.3750, 0.2865

Protanomaly

22.1974, 0.3157, 0.2899

Deuteranomaly

22.3503, 0.3412, 0.3051

Tritanomaly

22.3887, 0.3883, 0.3047

Monochromacy



Original Color

22.3888, 0.3750, 0.2865

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.7158, 0.3341, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3888, 0.3750, 0.2865 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(183, 107, 137)` looks like.

```
.text, #text, p{  
    color:rgb(183, 107, 137)  
}
```

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(183, 107, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 107, 137) }
```

Border

The CSS property to change the border of an element to Yxy 22.3888, 0.3750, 0.2865 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(183, 107, 137) }
```

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

```
.border{ border-color:rgb(183, 107, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 107, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 107, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 107, 137);  
box-shadow:4px 4px 4px 4px rgb(183, 107,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 22.3888, 0.3750, 0.2865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 107, 137) }
```

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

```
.background{ background-color: rgb(183,  
107, 137) }
```

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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